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DEVELOPMENT of a PREDICTIVE MODEL to  
ASSESS the EFFECTS of EXTENDED SEASON  
NAVIGATION on  
GREAT LAKES CONNECTING WATERS

APPENDIX C

Observed Ice Thicknesses and Water Turbidities

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Michigan Technological University  
Houghton, Michigan  
October 1985

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19. ABSTRACT (Continue on reverse if necessary and identify by block number) The object of this study was to develop a method for forecasting the physical effects of the passage of commercial vessels through Great Lakes connecting waters during that period of time when traffic is normally at a minimum due to a more or less continuous ice cover. The physical impacts examined were sediment translocation, water quality effects, direct damage to existing structures, and changes in the gross hydraulic regime. Appendix C contains supplemental findings of water turbidity, light extinction profile, and ice thickness at several sites prior to and during the season of commercial navigation. Also associated with Appendix C but bound separately are; Develop- ment of a Predictive Model to Assess the Effects of Extended Season Navigation on Great Lakes Connecting Waters, Final Report; the User's Manual for Pre- diction of Vessel Impacts in a Confined Waterway; Appendix A, Site and Soil Conditions; and Appendix B, Observed Vessel Induced Water Level Drawdowns.					
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11. (cont) Thickness and Water Turbidities

DEVELOPMENT OF A PREDICTIVE MODEL TO  
ASSESS THE EFFECTS OF EXTENDED SEASON  
NAVIGATION ON  
GREAT LAKES CONNECTING WATERS

APPENDIX C  
OBSERVED ICE THICKNESSES AND WATER TURBIDITIES

by Ralph J. Hodek  
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Submitted to the U.S. Army Cold Regions  
Research and Engineering Laboratory  
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Michigan Technological University  
Houghton, Michigan

October 31, 1985

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Unannounced	<input type="checkbox"/>
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This appendix contains the supplemental findings of water turbidity, light extinction profile, and ice thickness (when present) at several sites prior to and during the season of commercial navigation. The results are arranged chronologically, and all site locations are described in Appendix A.

DATA FOR FEBRUARY 1985

## ICE THICKNESSES

**RIVER VIEW**

DATE 2/22/85

**ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE**

	DIST. TO	DEPTH AT	ICE THICK
***	LOC. (ft)	*** LOC. (ft) ***	*** (in.) ***
LOCATION 1	47.0	3.0	20.5
LOCATION 2	137.0	5.3	13.0
LOCATION 3	337.0	24.5	9.0
LOCATION 4	437.0	17.5	10.0
LOCATION 5	537.0	30.0	7.0
LOCATION 6	637.0	33.0	6.5
LOCATION 7	737.0	33.0	15.5

## TURBIDITY READINGS

**SITE NAME**

DATE 2/22/85

TOTAL DEPTH AT LOCATION	1	(ft)	3
TOTAL DEPTH AT LOCATION	2	(ft)	5.3
TOTAL DEPTH AT LOCATION	3	(ft)	24.5
TOTAL DEPTH AT LOCATION	4	(ft)	17.5
TOTAL DEPTH AT LOCATION	5	(ft)	30

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	47.0		
		0.5	0.25
LOCATION 2	137.0		
		0.5	0.19
LOCATION 3	337.0		
		0.5	0.15
LOCATION 4	437.0		
		0.5	0.20
LOCATION 5	537.0		
		5.0	0.13
		14.0	0.43
		23.0	0.12



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# ICE THICKNESSES

\*\*\*\*\*

SITE NAME SAND ISLAND

DATE 2/22/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT *** LOC.(ft) ***	ICE THICK *** (in.) ***
LOCATION 1	60.0	2.0	12.0
LOCATION 2	210.0	6.8	8.5
LOCATION 3	510.0	7.6	12.0
LOCATION 4	810.0	8.0	13.0
LOCATION 5	2000.0	33.0	8.5

## TURBIDITY READINGS

## SAND ISLAND

DATE 2/22/85

TOTAL DEPTH AT LOCATION	1	(ft)	2
TOTAL DEPTH AT LOCATION	2	(ft)	6.8
TOTAL DEPTH AT LOCATION	3	(ft)	7.6
TOTAL DEPTH AT LOCATION	4	(ft)	8
TOTAL DEPTH AT LOCATION	5	(ft)	33

**ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE**

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	60.0	0.5	2.40
LOCATION 2	210.0	0.5	2.10
LOCATION 3	510.0	0.5	0.30
LOCATION 4	810.0	0.5	0.24
LOCATION 5	2000.0	5.0	0.16
		15.0	0.41
		25.0	0.17

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# ICE THICKNESSES

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SITE NAME ISLAND VIEW

DATE 2/20/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	25.0	1.9	22.0
LOCATION 2	65.0	2.7	12.0
LOCATION 3	115.0	4.0	11.0
LOCATION 4	215.0	4.5	11.0
LOCATION 5	915.0	33.0	8.0



ICE THICKNESSES

**DATE** 2/21-2/22/85

**ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE**

	DIST. TO	DEPTH AT	ICE THICK
***	LOC.(ft)	***LOC,(ft)***	*** (in.) ***
LOCATION 1	210.0	2.1	15.5
LOCATION 2	300.0	2.9	16.0
LOCATION 3	500.0	5.4	15.5
LOCATION 4	800.0	8.8	14.0
LOCATION 5	4850.0	34.0	12.5
LOCATION 6	5250.0	22.0	14.0
LOCATION 7	5450.0	5.0	12.0
LOCATION 8	5550.0	4.6	12.5
LOCATION 9	5650.0	3.3	13.0
LOCATION 10	5700.0	2.2	17.0



@@  
 TURBIDITY READINGS  
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SITE NAME                      NINE MILE

DATE            2/21/85

TOTAL DEPTH AT LOCATION	1	(ft)	34
TOTAL DEPTH AT LOCATION	2	(ft)	22
TOTAL DEPTH AT LOCATION	3	(ft)	5
TOTAL DEPTH AT LOCATION	4	(ft)	4.6
TOTAL DEPTH AT LOCATION	5	(ft)	3.3

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	4850.0	5.0	0.20
		15.0	0.18
		25.0	0.33
LOCATION 2	5250.0	0.5	0.27
LOCATION 3	5450.0	0.5	0.39
LOCATION 4	5550.0	0.5	0.37
LOCATION 5	5650.0	0.5	0.36

oo

# ICE THICKNESSES

oo

SITE NAME EAST CELL DOCK

DATE 2/21/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC:(ft)***	ICE THICK *** (in.) ***
LOCATION 1	1000.0	26.0	11.0
LOCATION 2	1800.0	7.1	18.0
LOCATION 3	2330.0	6.5	18.0
LOCATION 4	2580.0	4.8	19.0
LOCATION 5	2780.0	5.5	14.0
LOCATION 6	2930.0	4.0	13.0
LOCATION 7	3030.0	2.5	15.0





oo

**TURBIDITY READINGS**

oo

SITE NAME CHARLOTTE RIVER

DATE 2/22/85

TOTAL DEPTH AT LOCATION 1 (ft) 12

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0	0.5	5.50

DATA FOR MARCH 1985

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ICE THICKNESSES

oo

SITE NAME RIVER VIEW

DATE 3/18/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	87.0	5.3	9.0
LOCATION 2	137.0	5.3	9.0
LOCATION 3	237.0	6.5	8.0
LOCATION 4	337.0	9.5	7.0
LOCATION 5	437.0	21.0	10.0

CC

# TURBIDITY READINGS

CC

SITE NAME RIVER VIEW

DATE 3/18/85

TOTAL DEPTH AT LOCATION	1	(ft)	5.3
TOTAL DEPTH AT LOCATION	2	(ft)	5.3
TOTAL DEPTH AT LOCATION	3	(ft)	6.5
TOTAL DEPTH AT LOCATION	4	(ft)	9.5
TOTAL DEPTH AT LOCATION	5	(ft)	21

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	87.0		
		3.0	0.41
LOCATION 2	137.0		
		3.0	0.52
LOCATION 3	237.0		
		3.0	0.52
LOCATION 4	337.0		
		3.0	0.32
LOCATION 5	437.0		
		3.0	0.47
		5.0	0.38
		15.0	0.46

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LIGHT METER READINGS

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SITE NAME RIVER VIEW  
READING LOCATION (diat. from green side ft) 237 ft

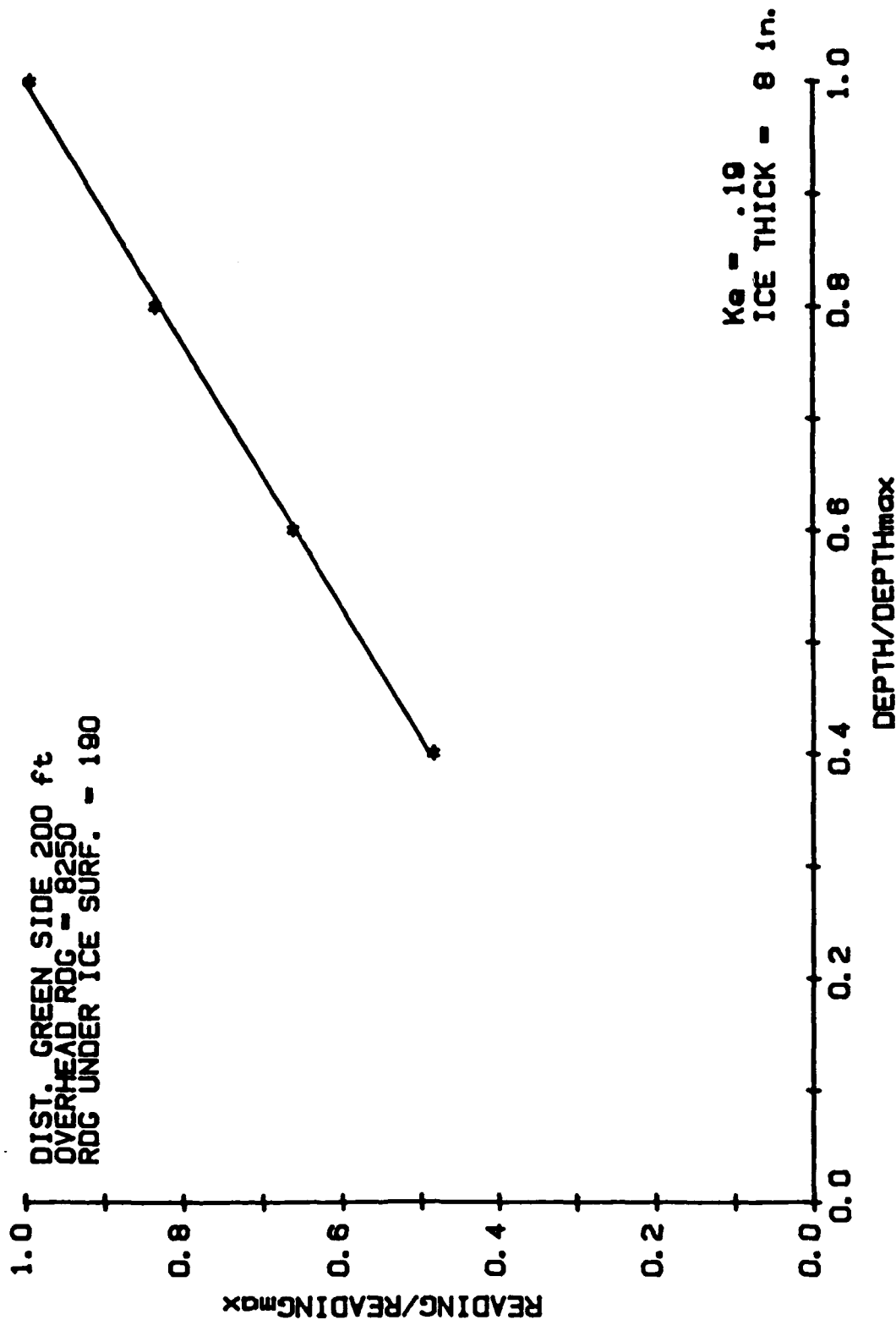
DATE 3/19/85  
TIME 11:00 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 50  
DEPTH OF SNOW ON ICE (in) 2  
ICE THICKNESS (in) 8  
TOTAL DEPTH AT LOCATION (ft) 5  
  
OVERHEAD LIGHT READING 8250  
LIGHT READING JUST UNDER ICE 190

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1.0	190.00	
2.0	110.00	
3.0	90.00	0.52
4.0	74.00	
5.0	62.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME RIVER VIEW

DIST. GREEN SIDE 200 ft  
OVERHEAD RDG - 8250  
RDG UNDER ICE SURF. - 190



oo

# LIGHT METER READINGS

oo

SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 437 ft

DATE 3/19/85  
TIME 11:05 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 50  
DEPTH OF SNOW ON ICE (in) 2  
ICE THICKNESS (in) 10  
TOTAL DEPTH AT LOCATION (ft) 19.4

OVERHEAD LIGHT READING 8250  
LIGHT READING JUST UNDER ICE 165

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

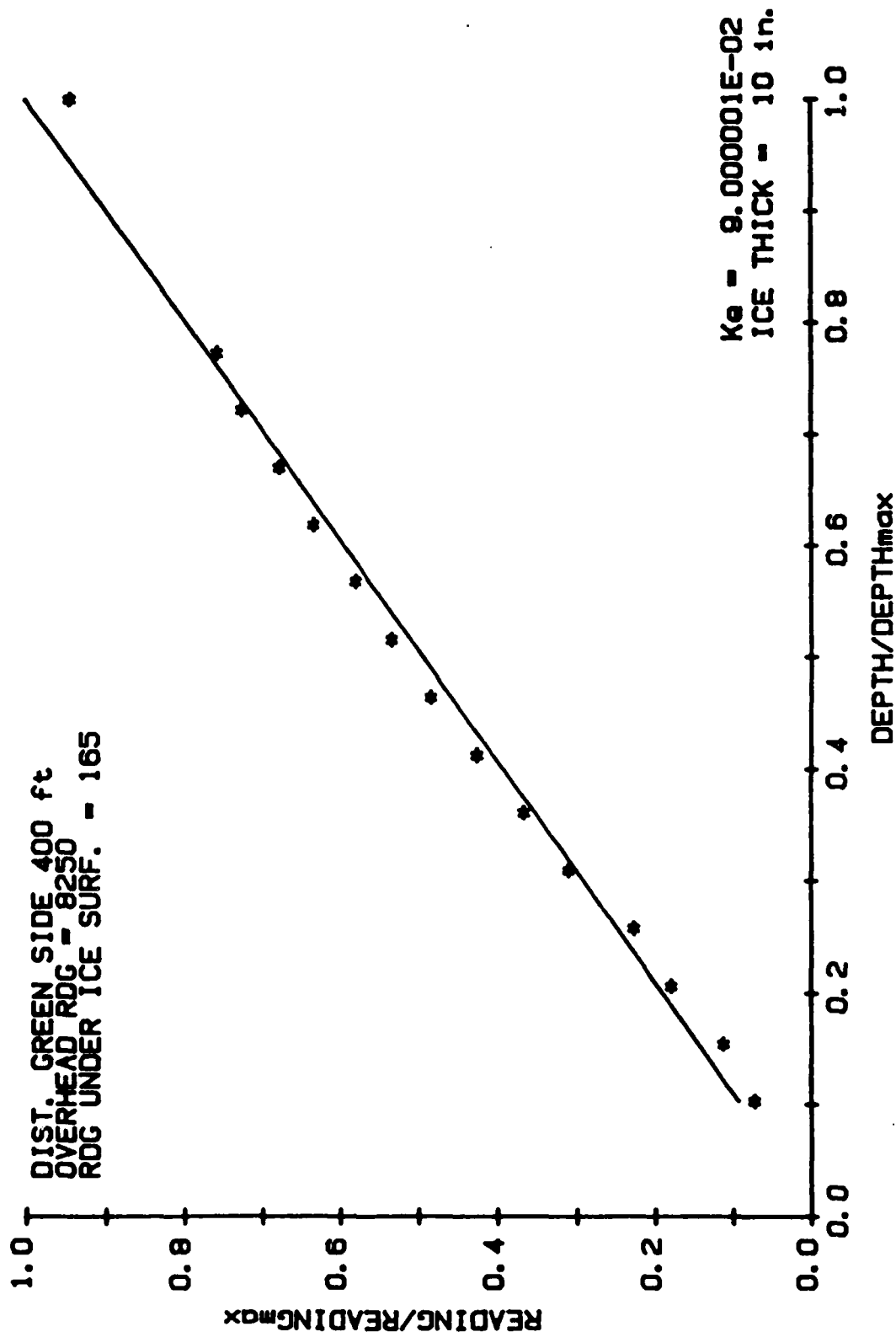
1.0	165.00	
2.0	145.00	
3.0	135.00	0.47
4.0	120.00	
5.0	110.00	0.38
6.0	95.00	
7.0	86.00	
8.0	77.50	
9.0	70.00	
10.0	64.00	
11.0	59.00	
12.0	53.60	
13.0	49.50	
14.0	45.50	
15.0	43.00	0.46
19.4	31.00	



# **\*\*LIGHT METER RESULTS\*\***

**SITE NAME RIVER VIEW**

**DIST. GREEN SIDE 400 ft  
OVERHEAD ROD - 8250  
ROD UNDER ICE SURF. - 165**



oo

# ICE THICKNESSES

oo

SITE NAME SAND ISLAND

DATE 3/17/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	60.0	2.7	19.0
LOCATION 2	110.0	4.3	13.0
LOCATION 3	210.0	5.0	11.0
LOCATION 4	510.0	7.6	17.0
LOCATION 5	2150.0	36.0	10.0
LOCATION 6	2320.0	8.2	16.0
LOCATION 7	2620.0	4.0	17.0
LOCATION 8	2720.0	4.3	21.0
LOCATION 9	2770.0	4.2	21.0

## TURBIDITY READINGS

SITE NAME SAND ISLAND

TOTAL DEPTH AT LOCATION	1	(ft)	2.7
TOTAL DEPTH AT LOCATION	2	(ft)	4.3
TOTAL DEPTH AT LOCATION	3	(ft)	5
TOTAL DEPTH AT LOCATION	4	(ft)	7.6
TOTAL DEPTH AT LOCATION	5	(ft)	36
TOTAL DEPTH AT LOCATION	6	(ft)	8.2
TOTAL DEPTH AT LOCATION	7	(ft)	4
TOTAL DEPTH AT LOCATION	8	(ft)	4.3
TOTAL DEPTH AT LOCATION	9	(ft)	4.2

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	60.0		
		2.0	18.50
LOCATION 2	110.0		
		3.0	20.00
LOCATION 3	210.0		
		3.0	8.20
LOCATION 4	510.0		
		3.0	0.98
LOCATION 5	2150.0		
		3.0	0.30
		15.0	0.18
		25.0	0.24
LOCATION 6	2320.0		
		3.0	0.26
LOCATION 7	2620.0		
		3.0	0.28
LOCATION 8	2720.0		
		3.0	0.38
LOCATION 9	2770.0		
		3.0	0.91

### LIGHT METER READINGS

SITE NAME	SAND ISLAND
READING LOCATION (dist. from green side ft)	210 ft

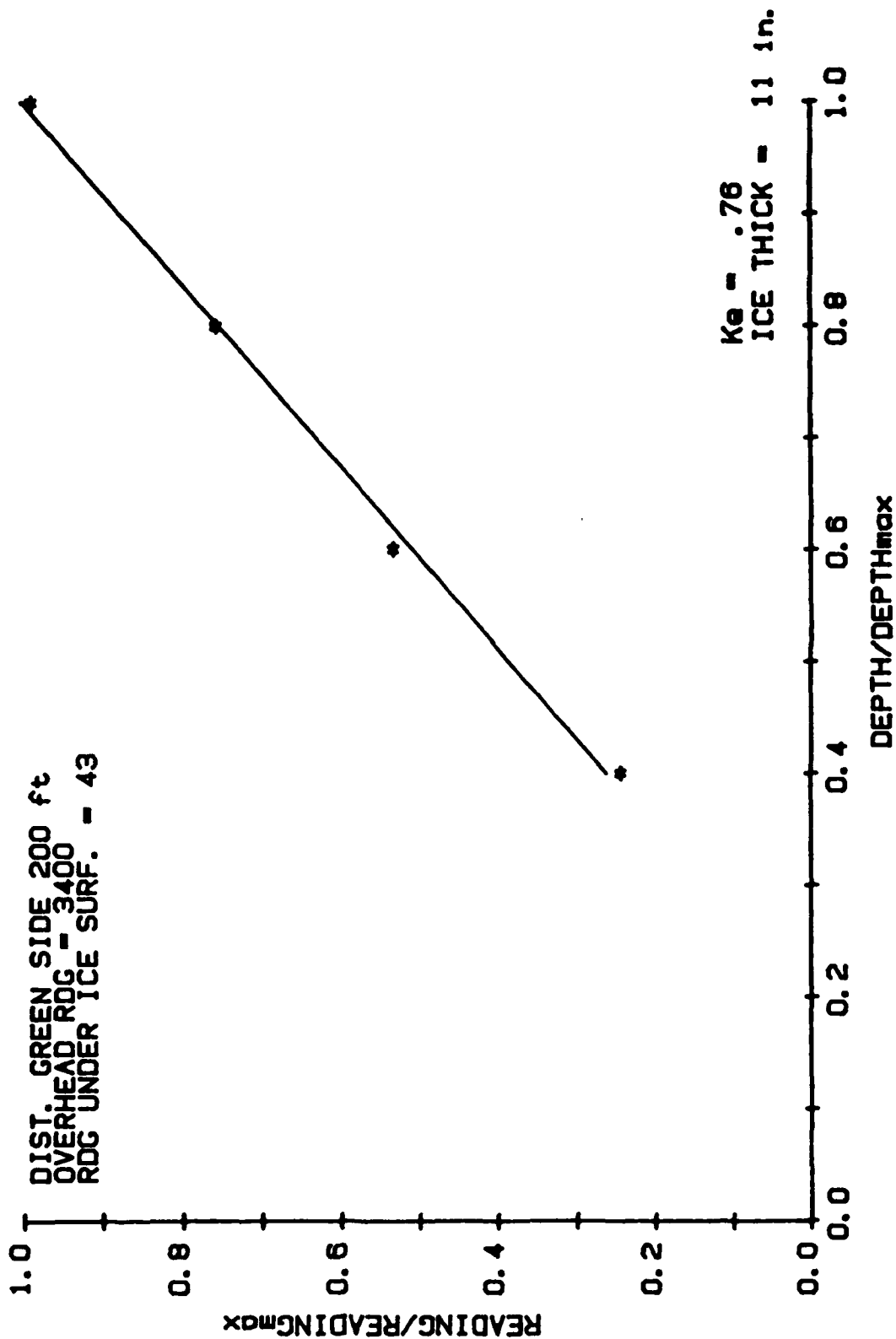
DATE	3/17/85	
TIME	4:00 PM	
SKY WAS	CLEAR	
ICE CONDITION	SNOWCOVERED	
PERCENTAGE SNOW ON ICE		80
DEPTH OF SNOW ON ICE (in)		4
ICE THICKNESS (in)	11	
TOTAL DEPTH AT LOCATION (ft)		5
OVERHEAD LIGHT READING		3400
LIGHT READING JUST UNDER ICE		43

DEPTH OF		LIGHT METER		TURBIDITY	
***	READING(ft)	***	READING	***	(JTU)
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74			

1.0	43.00	
2.0	20.00	
3.0	8.10	8.20
4.0	4.00	
5.0	1.95	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME SAND ISLAND  
DIST. GREEN SIDE 200 ft  
OVERHEAD RDG - 3400  
RDG UNDER ICE SURF. - 43



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 2100 ft

DATE 3/17/85  
TIME 3:30 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 10  
TOTAL DEPTH AT LOCATION (ft) 36

OVERHEAD LIGHT READING 3700  
LIGHT READING JUST UNDER ICE 92

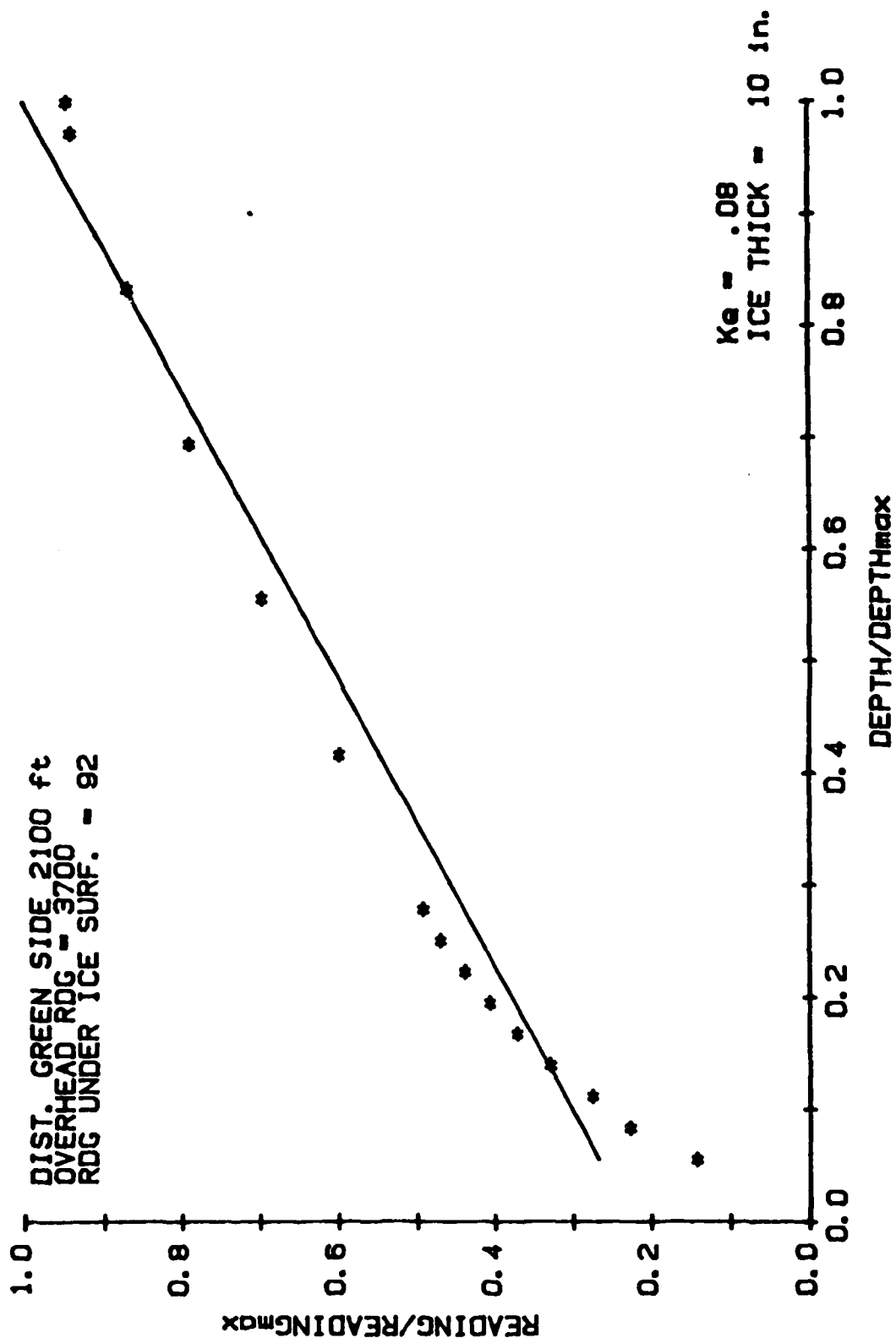
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.0	92.00	
2.0	53.00	
3.0	38.00	0.30
4.0	31.50	
5.0	25.50	
6.0	21.70	
7.0	18.90	
8.0	16.70	
9.0	14.80	
10.0	13.60	
15.0	9.00	0.18
20.0	6.15	
25.0	4.30	0.24
30.0	3.15	
35.0	2.40	
36.0	2.35	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME SAND ISLAND

DIST. GREEN SIDE 2100 ft  
OVERHEAD RDG - 3700  
RDG UNDER ICE SURF. - 92



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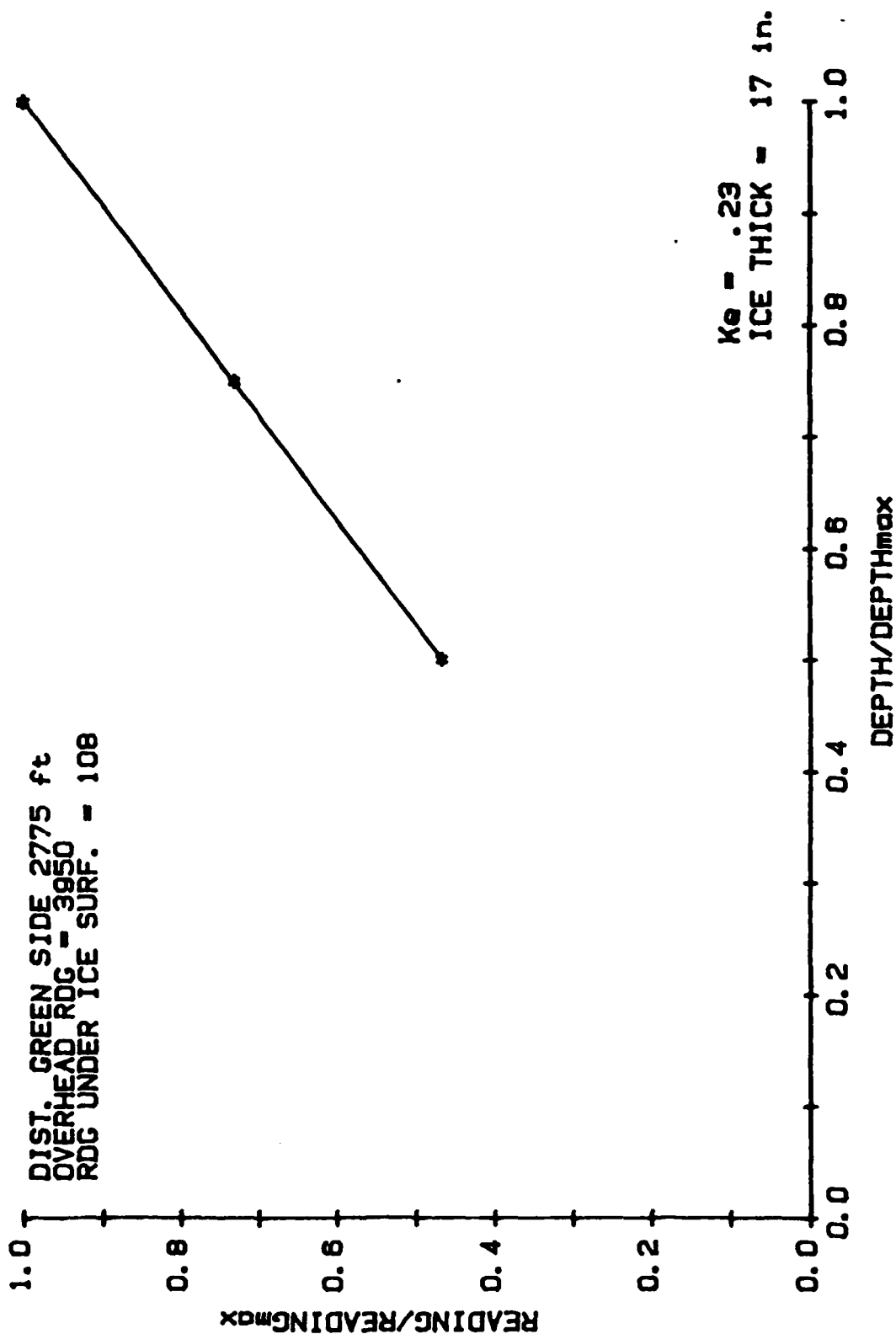
1.5	108.00	
2.0	71.00	
3.0	56.00	0.28
4.0	44.00	



# **\*\*LIGHT METER RESULTS\*\***

SITE NAME SAND ISLAND

DIST. GREEN SIDE 2775 ft  
OVERHEAD RDG - 3950  
RDG UNDER ICE SURF. - 108



CC

# ICE THICKNESSES

CC

SITE NAME ISLAND VIEW

DATE 3/19/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft)	DEPTH AT *** LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	65.0	2.7	19.0
LOCATION 2	115.0	3.5	18.0
LOCATION 3	215.0	15.5	18.0
LOCATION 4	515.0	24.0	18.0
LOCATION 5	1000.0	34.6	16.0
LOCATION 6	1550.0	12.0	18.0
LOCATION 7	2050.0	5.4	20.0
LOCATION 8	2150.0	4.3	21.0
LOCATION 9	2200.0	3.5	22.0

CC

# TURBIDITY READINGS

CC

SITE NAME ISLAND VIEW

DATE 3/19/85

TOTAL DEPTH AT LOCATION	1	(ft)	2.7
TOTAL DEPTH AT LOCATION	2	(ft)	3.5
TOTAL DEPTH AT LOCATION	3	(ft)	15.5
TOTAL DEPTH AT LOCATION	4	(ft)	24
TOTAL DEPTH AT LOCATION	5	(ft)	34.6
TOTAL DEPTH AT LOCATION	6	(ft)	12
TOTAL DEPTH AT LOCATION	7	(ft)	5.4
TOTAL DEPTH AT LOCATION	8	(ft)	4.3
TOTAL DEPTH AT LOCATION	9	(ft)	3.5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	65.0	2.5	0.64
LOCATION 2	115.0	3.0	0.58
LOCATION 3	215.0	3.0	0.74
LOCATION 4	515.0	3.0	0.52
LOCATION 5	1000.0	5.0	0.26
		15.0	0.24
		25.0	0.24
LOCATION 6	1550.0	3.0	0.25
LOCATION 7	2050.0	3.0	0.25
LOCATION 8	2150.0	3.0	0.24
LOCATION 9	2200.0	3.0	0.30

## LIGHT METER READINGS

SITE NAME	ISLAND VIEW
READING LOCATION (dist. from green side ft)	215 ft

DATE	3/19/85	
TIME	9:40 AM	
SKY WAS	CLEAR	
ICE CONDITION	SNOWCOVERED	
PERCENTAGE SNOW ON ICE		80
DEPTH OF SNOW ON ICE (in)		2
ICE THICKNESS (in)	18	
TOTAL DEPTH AT LOCATION (ft)		15.5

OVERHEAD LIGHT READING	3480
LIGHT READING JUST UNDER ICE	64

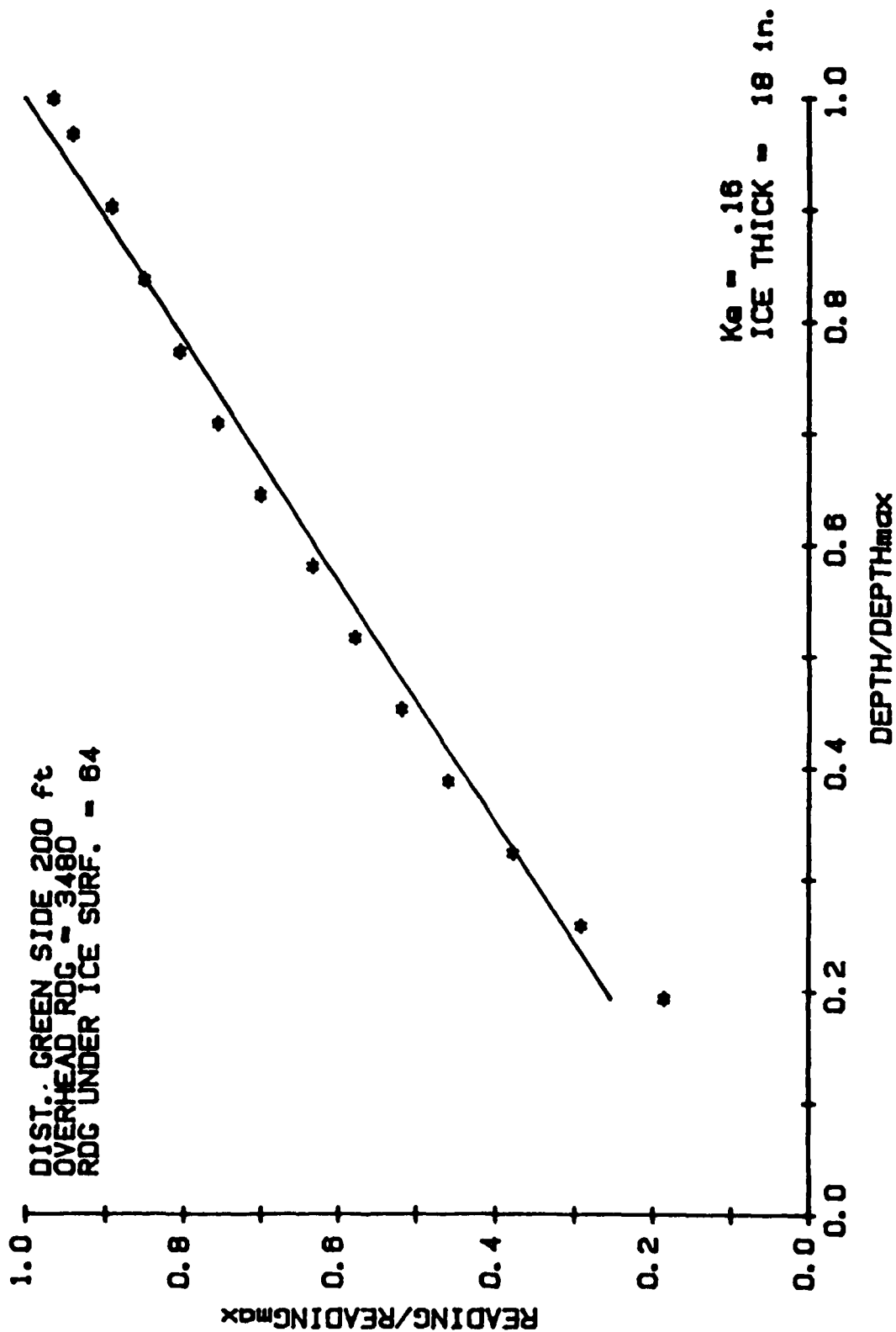
DEPTH OF		LIGHT METER		TURBIDITY	
***	READING (ft)	***	READING	***	(JTU) ***
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	7			

1.5	64.00	
3.0	38.00	0.74
4.0	28.20	
5.0	22.20	
6.0	17.70	
7.0	15.00	
8.0	12.70	
9.0	10.90	
10.0	9.00	
11.0	7.70	
12.0	6.70	
13.0	5.90	
14.0	5.25	
15.0	4.60	
15.5	4.30	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME ISLAND VIEW

DIST.: GREEN SIDE 200 ft  
OVERHEAD ROD - 3480  
ROD UNDER ICE SURF. - 64



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# LIGHT METER READINGS

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SITE NAME ISLAND VIEW  
READING LOCATION (dist. from green side ft) 1000 ft

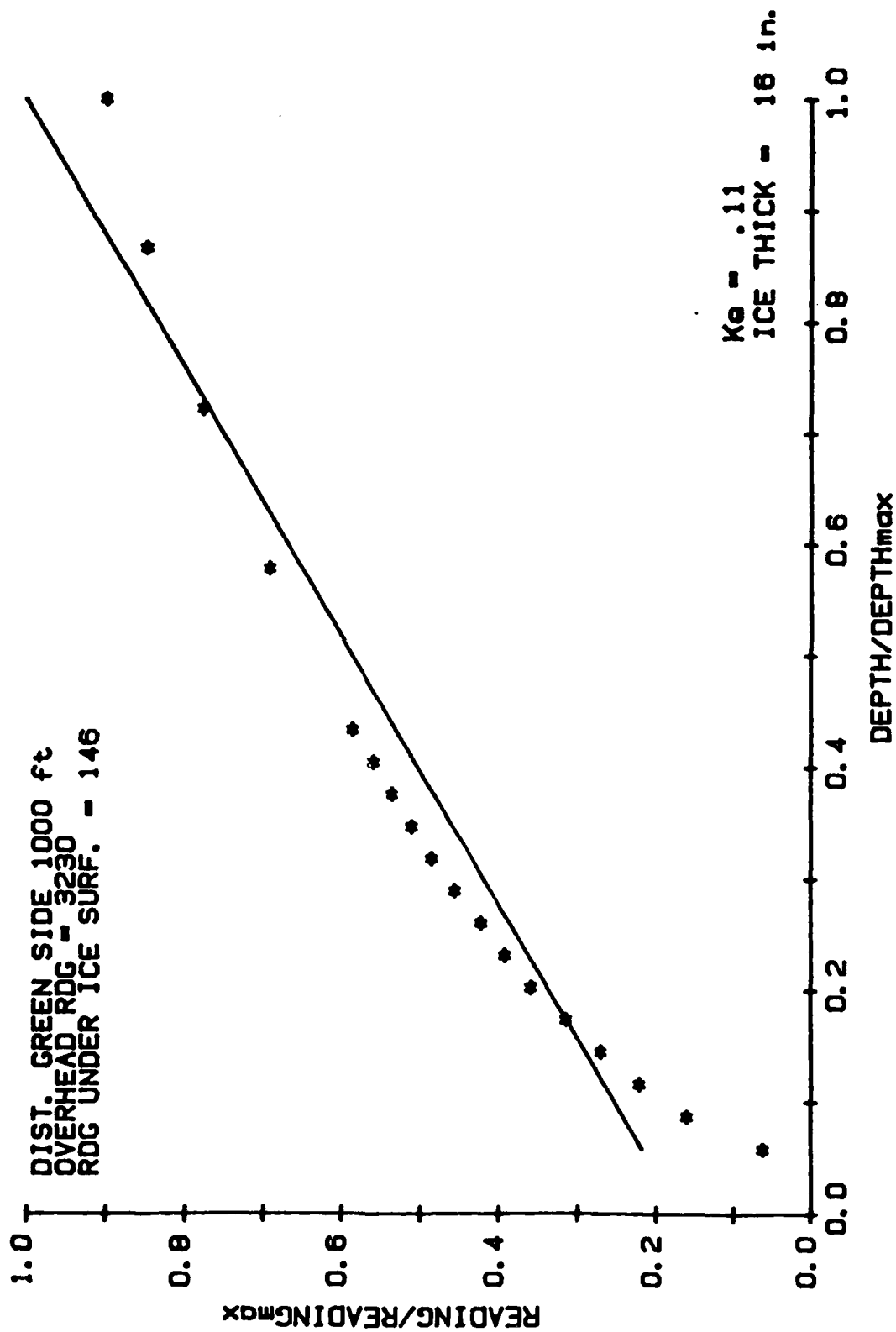
DATE 3/19/85  
TIME 9:20 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 2  
ICE THICKNESS (in) 16  
TOTAL DEPTH AT LOCATION (ft) 34.6  
  
OVERHEAD LIGHT READING 3230  
LIGHT READING JUST UNDER ICE 146

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.4	146.00	
2.0	108.00	
3.0	67.50	
4.0	50.20	
5.0	39.70	0.26
6.0	32.20	
7.0	26.10	
8.0	22.20	
9.0	19.20	
10.0	16.40	
11.0	14.20	
12.0	12.60	
13.0	11.20	
14.0	10.00	
15.0	8.80	0.24
20.0	5.30	
25.0	3.52	0.24
30.0	2.50	
34.6	1.97	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME ISLAND VIEW  
DIST. GREEN SIDE 1000 ft  
OVERHEAD RDG - 3230  
RDG UNDER ICE SURF. - 146



\*\*\*\*\*

LIGHT METER READINGS

\*\*\*\*\*

SITE NAME ISLAND VIEW  
READING LOCATION (dist. from green side ft) 2068 ft

DATE 3/19/85  
TIME 9:00 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 2  
ICE THICKNESS (in) 20  
TOTAL DEPTH AT LOCATION (ft) 5.4

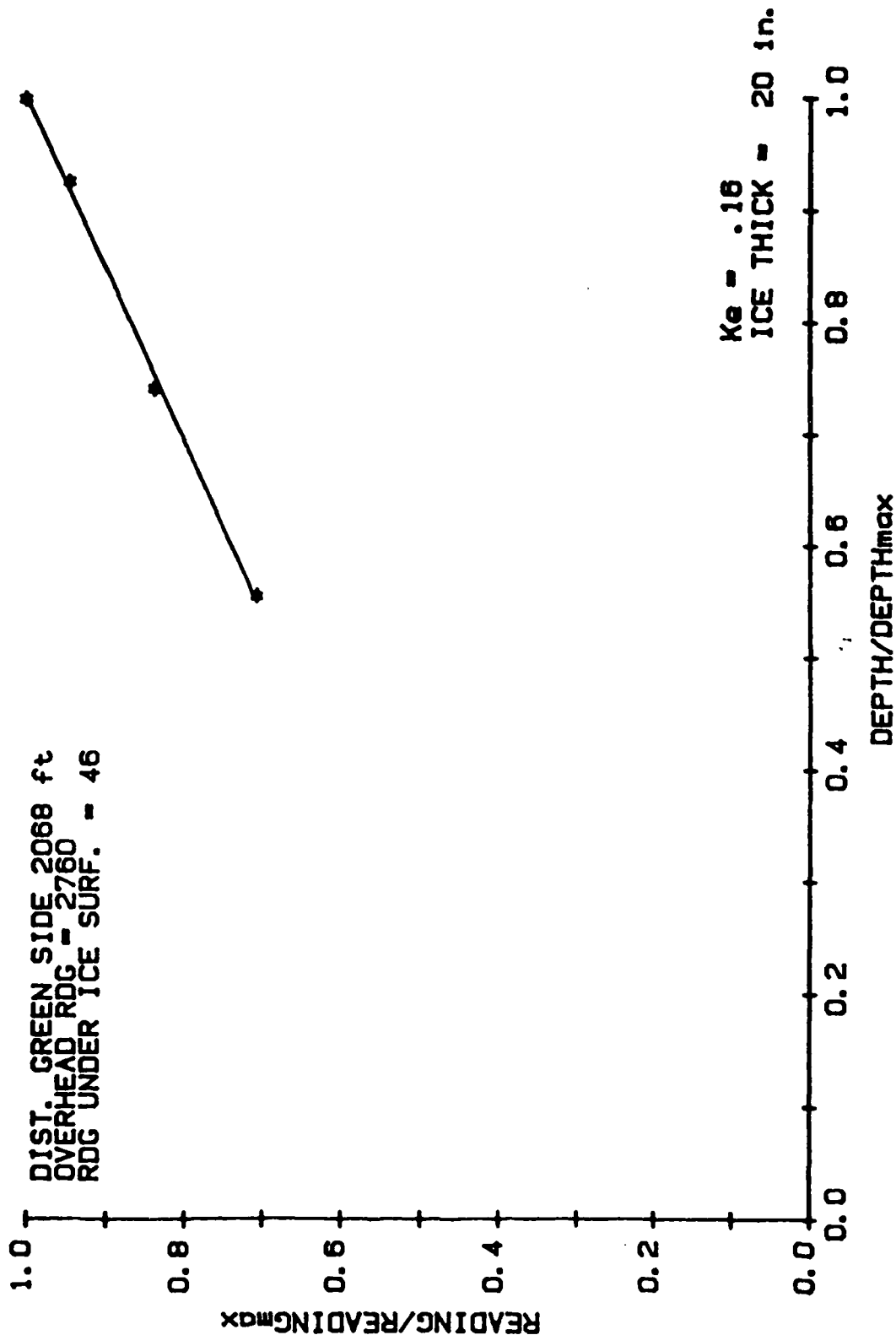
OVERHEAD LIGHT READING 2760  
LIGHT READING JUST UNDER ICE 46

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
1.7	46.00	
3.0	17.50	0.25
4.0	14.60	
5.0	12.60	
5.4	11.70	



# **\*\*LIGHT METER RESULTS\*\***

SITE NAME ISLAND VIEW  
 DIST. GREEN SIDE 2068 ft  
 OVERHEAD RDG. = 2760  
 RDG UNDER ICE SURF. = 46



oo

# ICE THICKNESSES

oo

SITE NAME NINE MILE

DATE 3/18/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	200.0	2.5	24.0
LOCATION 2	300.0	4.1	24.0
LOCATION 3	600.0	7.6	14.0
LOCATION 4	1100.0	8.8	15.0
LOCATION 5	1600.0	9.1	18.0
LOCATION 6	2100.0	14.6	17.0
LOCATION 7	3100.0	33.4	13.0
LOCATION 8	4850.0	33.1	12.5
LOCATION 9	5350.0	8.1	16.0
LOCATION 10	5650.0	4.1	14.0
LOCATION 11	5750.0	3.3	16.0
LOCATION 12	5800.0	2.3	20.0

CC

# TURBIDITY READINGS

CC

SITE NAME NINE MILE

DATE 3/18/85

TOTAL DEPTH AT LOCATION	1	(ft)	4.1
TOTAL DEPTH AT LOCATION	2	(ft)	7.6
TOTAL DEPTH AT LOCATION	3	(ft)	8.8
TOTAL DEPTH AT LOCATION	4	(ft)	9.100001
TOTAL DEPTH AT LOCATION	5	(ft)	14.6
TOTAL DEPTH AT LOCATION	6	(ft)	33.4
TOTAL DEPTH AT LOCATION	7	(ft)	33.1
TOTAL DEPTH AT LOCATION	8	(ft)	8.100001
TOTAL DEPTH AT LOCATION	9	(ft)	4.1
TOTAL DEPTH AT LOCATION	10	(ft)	3.3
TOTAL DEPTH AT LOCATION	11	(ft)	2.3

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	300.0		
		3.0	5.20
LOCATION 2	600.0		
		3.0	1.60
LOCATION 3	1100.0		
		3.0	0.70
LOCATION 4	1600.0		
		3.0	0.77
LOCATION 5	2100.0		
		3.0	0.66
		10.0	0.47
LOCATION 6	3100.0		
		10.0	0.37
		25.0	0.46
LOCATION 7	4850.0		
		5.0	0.28
		15.0	0.18
		25.0	0.23
LOCATION 8	5350.0		
		3.0	0.45
LOCATION 9	5650.0		
		3.0	0.67
LOCATION 10	5750.0		
		3.0	0.77
LOCATION 11	5800.0		
		2.0	2.50



## TURBIDITY READINGS

DATE 3/18/85

**ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE**

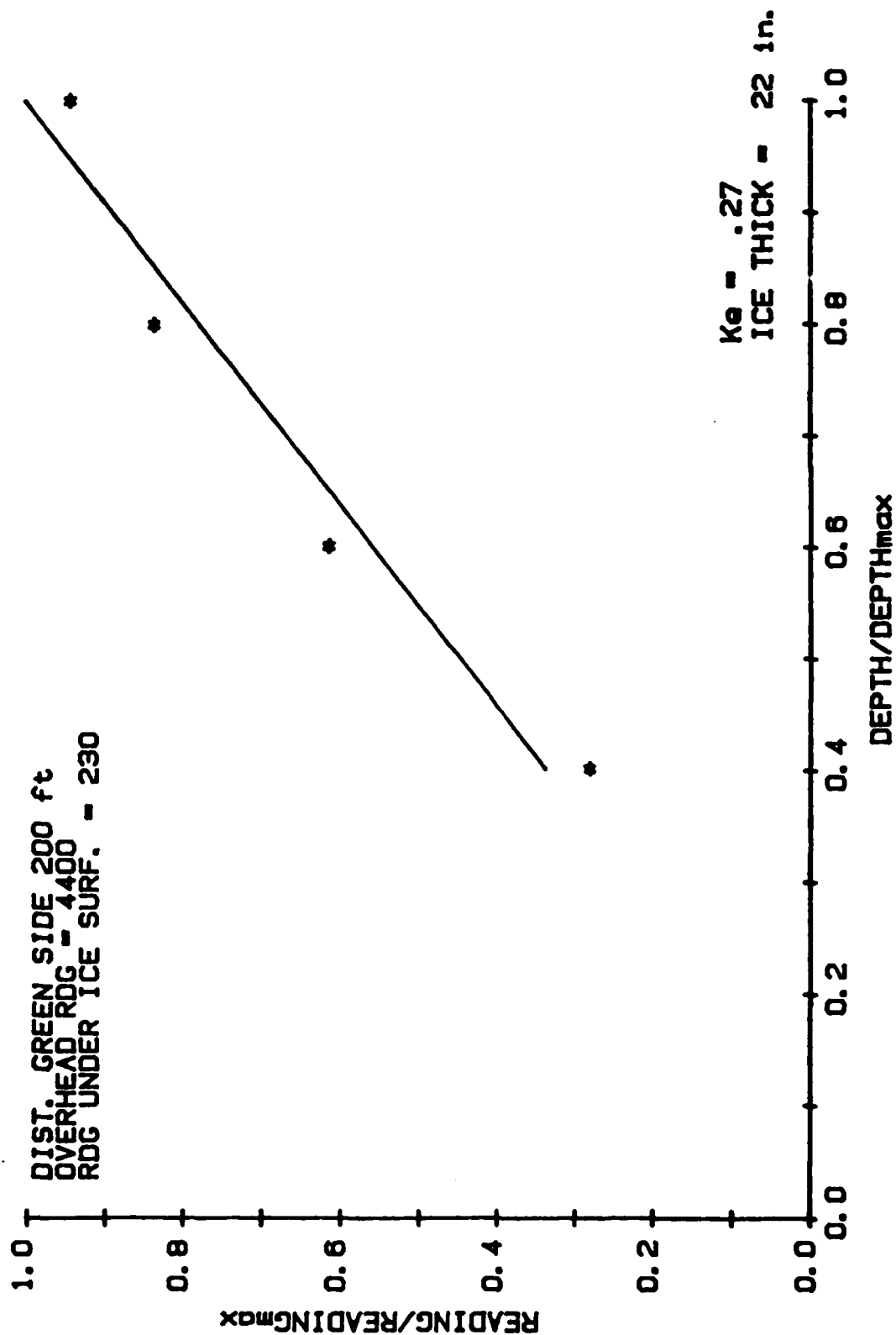
CB27



# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 200 ft  
OVERHEAD RDG - 4400  
RDG UNDER ICE SURF. - 230



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 515 ft

DATE 3/17/85  
TIME 12:45 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 11  
TOTAL DEPTH AT LOCATION (ft) 35

OVERHEAD LIGHT READING 4400  
LIGHT READING JUST UNDER ICE 295

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

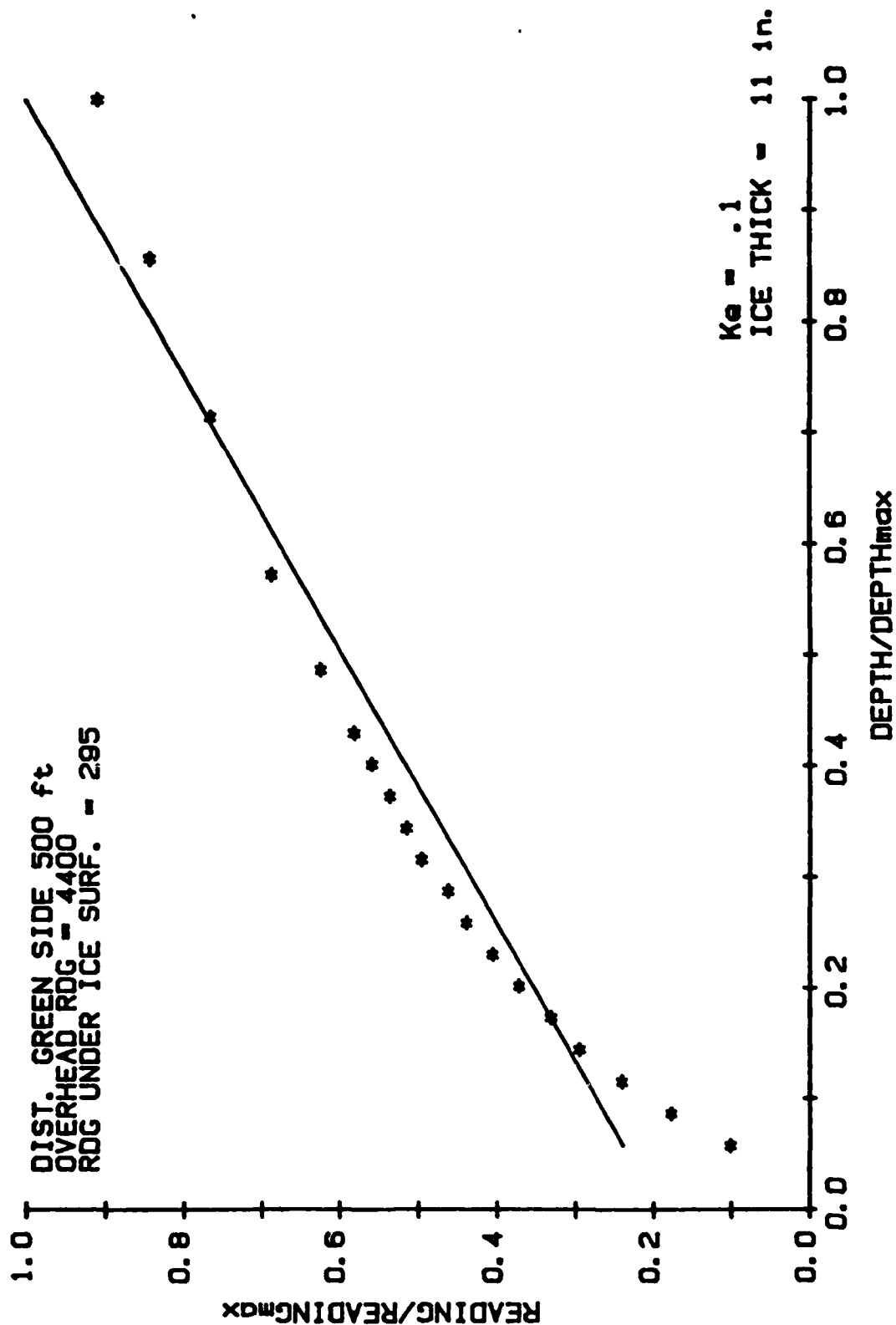
1.0	295.00	
2.0	185.00	
3.0	130.00	
4.0	97.00	
5.0	75.50	0.22
6.0	64.00	
7.0	53.00	
8.0	45.50	
9.0	39.00	
10.0	35.00	
11.0	30.00	
12.0	27.50	
13.0	25.00	
14.0	22.50	
15.0	20.30	0.22
17.0	16.70	
20.0	12.50	
25.0	8.70	0.19
30.0	6.10	
35.0	4.50	



# **\*\*LIGHT METER RESULTS\*\***

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 500 ft  
OVERHEAD RDG - 4400  
RDG UNDER ICE SURF. - 295



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 1130 ft

DATE 3/18/85  
TIME 11:30 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 8.5  
TOTAL DEPTH AT LOCATION (ft) 28

OVERHEAD LIGHT READING 4250  
LIGHT READING JUST UNDER ICE 206

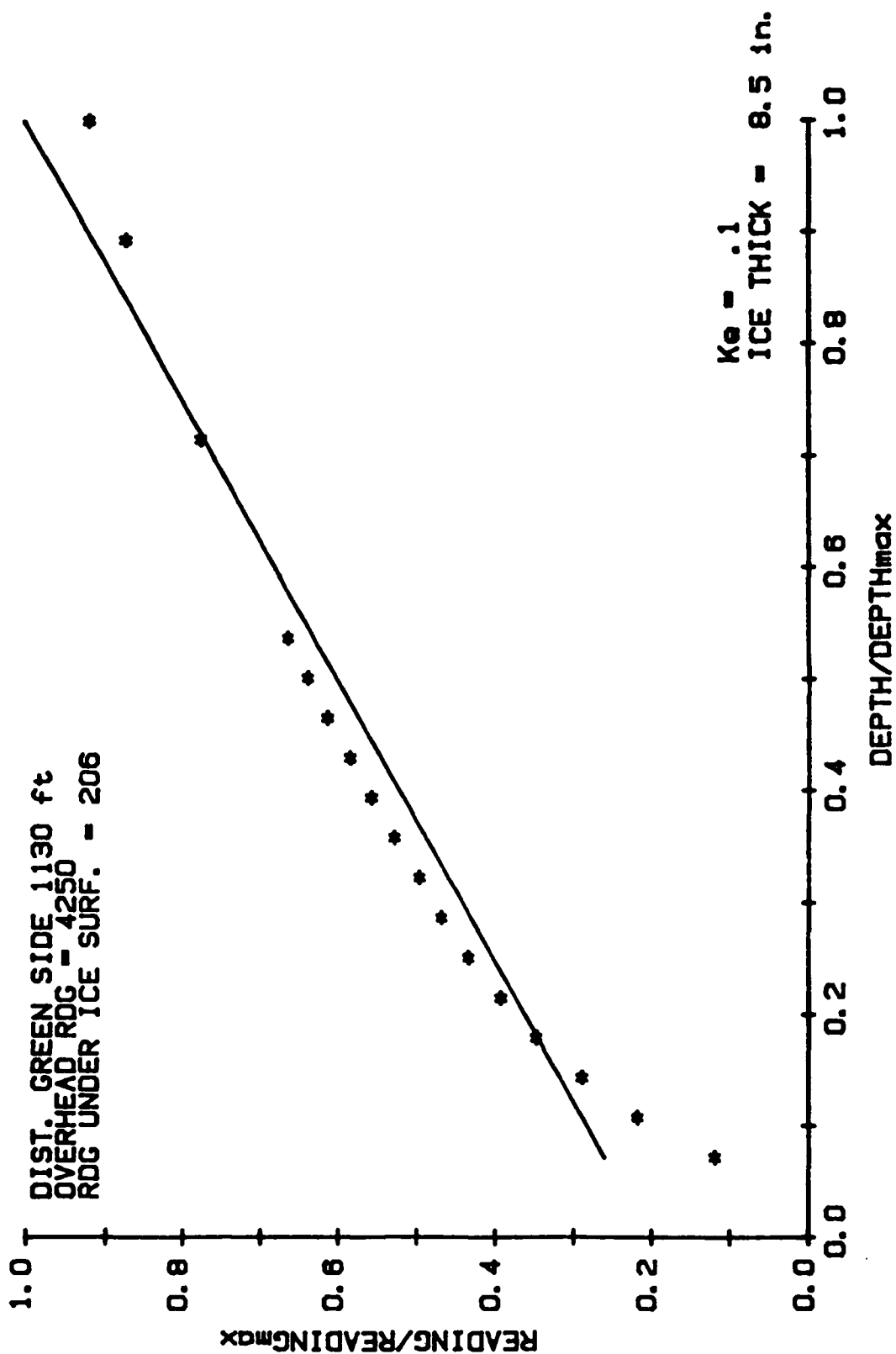
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.8	206.00	
2.0	135.00	
3.0	95.00	
4.0	74.00	
5.0	60.00	0.25
6.0	51.20	
7.0	44.30	
8.0	39.20	
9.0	35.50	
10.0	31.80	
11.0	28.60	
12.0	26.00	
13.0	23.50	
14.0	21.50	
15.0	19.70	0.32
20.0	13.20	
25.0	9.40	0.32
28.0	8.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 1130 ft  
OVERHEAD RDG - 4250  
RDG UNDER ICE SURF. - 206



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 2130 ft

DATE 3/18/85  
TIME 11:15 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 16  
TOTAL DEPTH AT LOCATION (ft) 8.2

OVERHEAD LIGHT READING 4220  
LIGHT READING JUST UNDER ICE 142

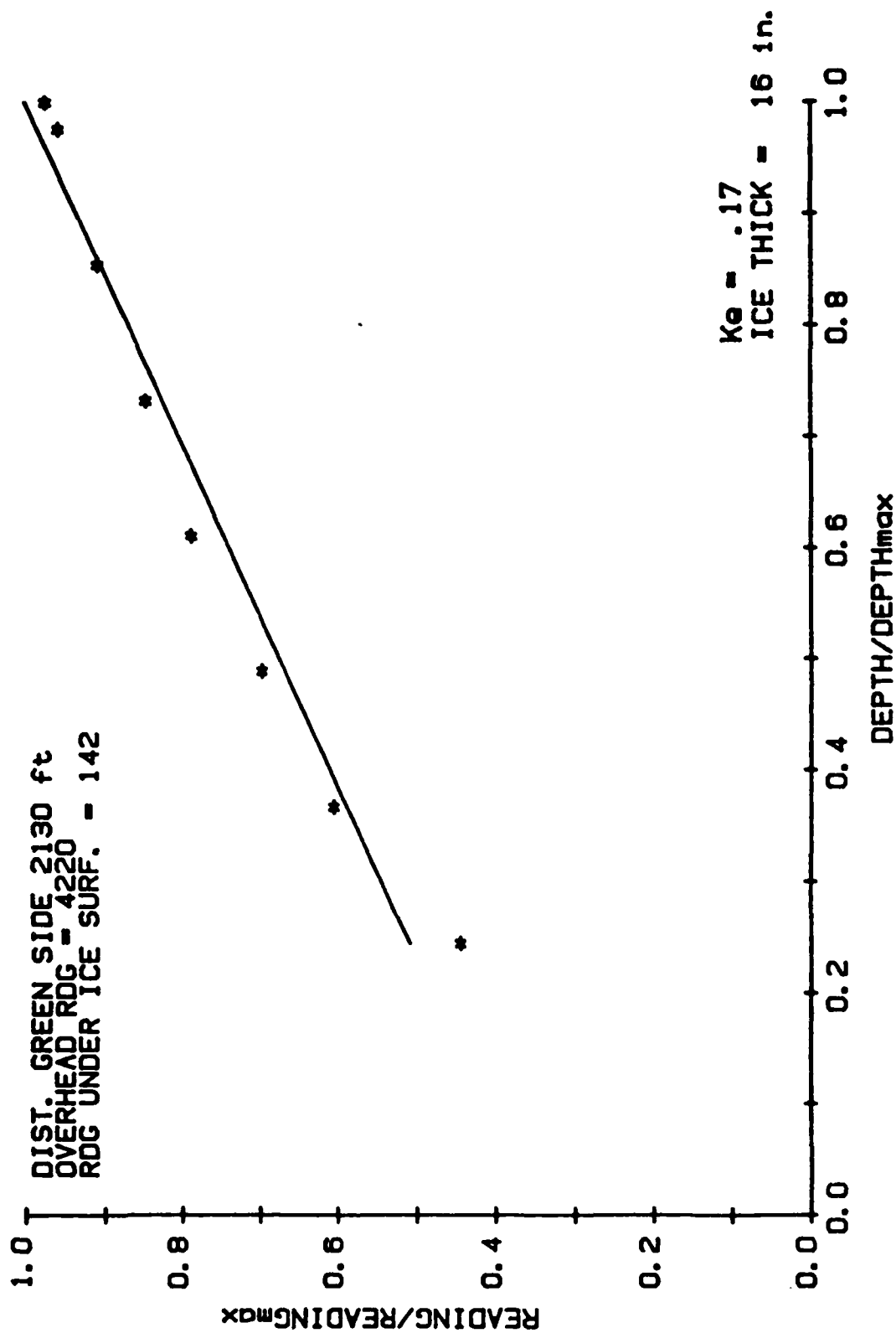
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.4	142.00	
2.0	53.80	
3.0	38.00	0.33
4.0	31.10	
5.0	25.50	
6.0	22.40	
7.0	19.60	
8.0	17.60	
8.2	17.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2130 ft  
OVERHEAD RDG = 4220  
RDG UNDER ICE SURF. = 142



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LIGHT METER READINGS

@@

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 2930 ft

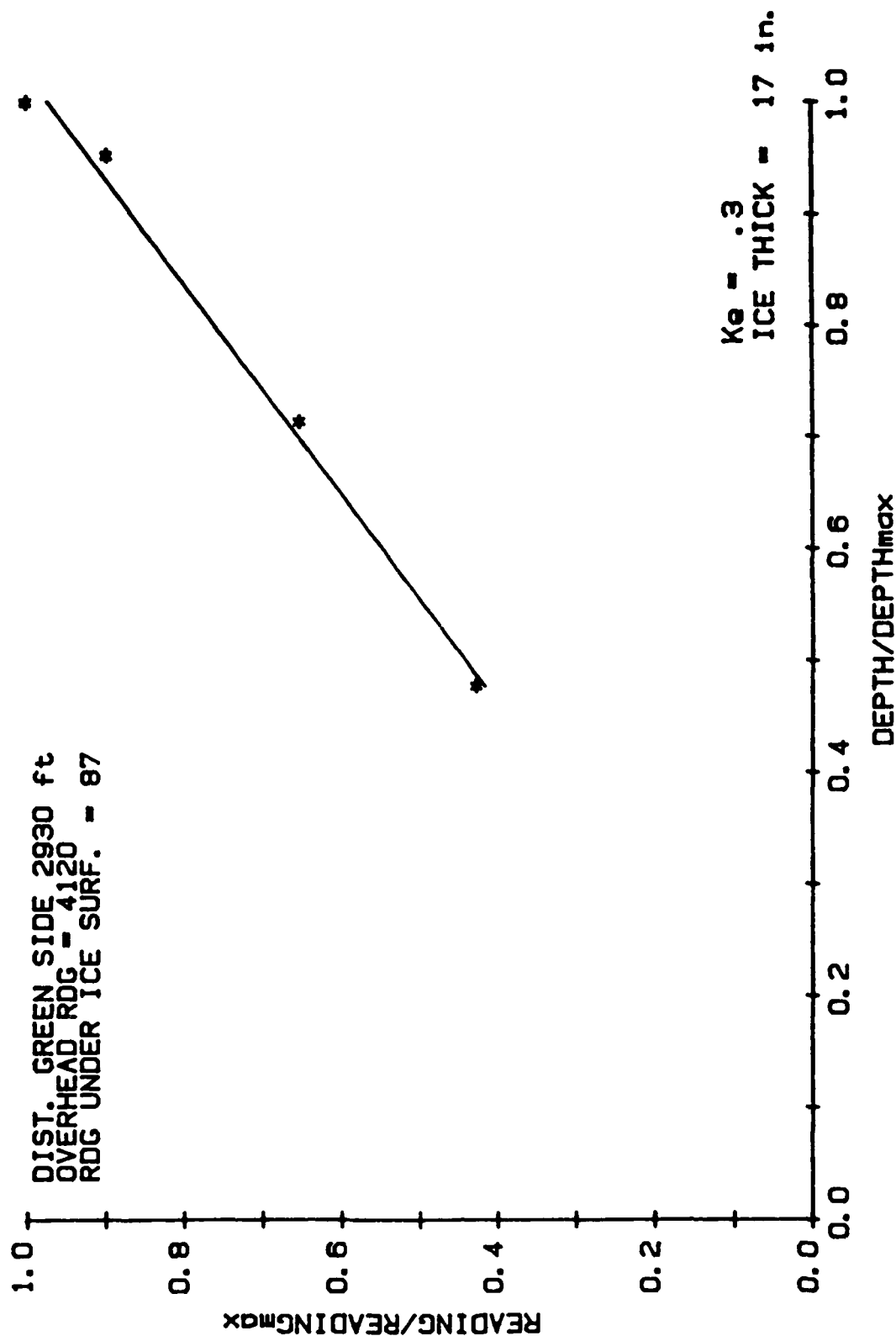
DATE 3/18/85  
TIME 11:00 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 17  
TOTAL DEPTH AT LOCATION (ft) 4.2  
  
OVERHEAD LIGHT READING 4120  
LIGHT READING JUST UNDER ICE 87

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
1.5	87.00	
2.0	51.50	
3.0	39.00	1.00
4.0	28.90	
4.2	25.50	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2930 ft  
OVERHEAD RDG - 4120  
RDG UNDER ICE SURF. - 87



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# ICE THICKNESSES

oo

SITE NAME WEST CELL DOCK

DATE 3/17-3/18/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	65.0	3.8	15.0
LOCATION 2	115.0	6.9	12.0
LOCATION 3	215.0	7.4	16.0
LOCATION 4	415.0	3.8	14.0
LOCATION 5	665.0	9.5	17.0
LOCATION 6	1355.0	6.5	12.0



## TURBIDITY READINGS

DATE 3/17/85

TOTAL DEPTH AT LOCATION	1	(ft)	3.8
TOTAL DEPTH AT LOCATION	2	(ft)	6.9
TOTAL DEPTH AT LOCATION	3	(ft)	7.4
TOTAL DEPTH AT LOCATION	4	(ft)	3.8
TOTAL DEPTH AT LOCATION	5	(ft)	9.5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	65.0	3.0	0.28
LOCATION 2	115.0	3.0	0.29
LOCATION 3	215.0	3.0	0.36
LOCATION 4	415.0	3.0	0.34
LOCATION 5	665.0	3.0	0.41
		5.0	0.25

**୧୯୫୬-୫୭**

## TURBIDITY READINGS

[illegible]

**SITE NAME**                      **WEST CELL DOCK**

DATE 3/18/85

TOTAL DEPTH AT LOCATION	1	(ft)	6.5
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ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1355.0	3.0	0.36

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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 215 ft

DATE 3/17/85  
TIME 1:15 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 16  
TOTAL DEPTH AT LOCATION (ft) 7.4

OVERHEAD LIGHT READING 4350  
LIGHT READING JUST UNDER ICE 134

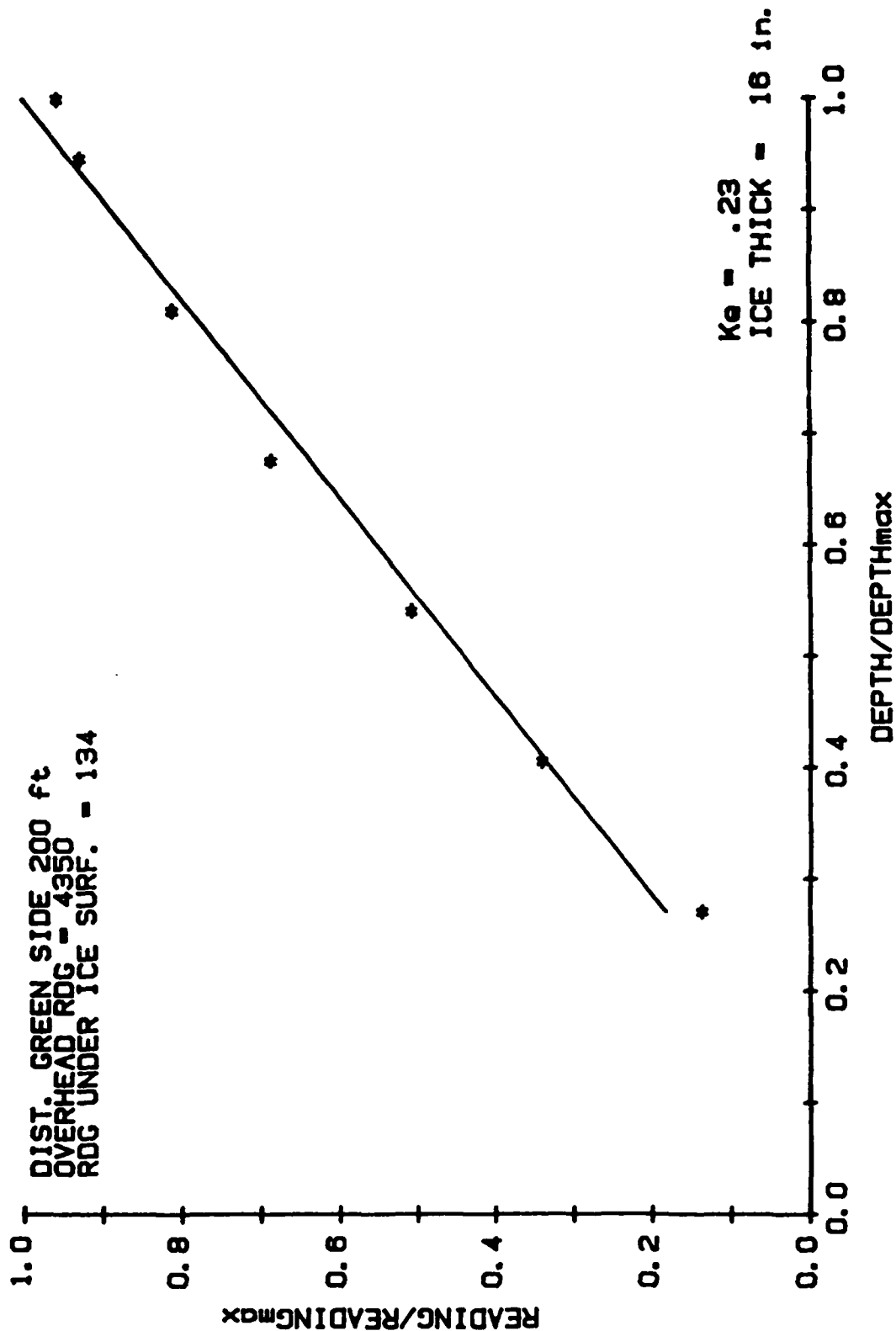
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.4	134.00	
2.0	108.00	
3.0	78.50	0.36
4.0	60.30	
5.0	45.50	
6.0	37.40	
7.0	31.20	
7.4	29.80	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 200 ft  
OVERHEAD RDG - 4350  
RDG UNDER ICE SURF. - 134



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 665 ft

DATE 3/17/85  
TIME 1:20 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 17  
TOTAL DEPTH AT LOCATION (ft) 9.5

OVERHEAD LIGHT READING 4250  
LIGHT READING JUST UNDER ICE 132

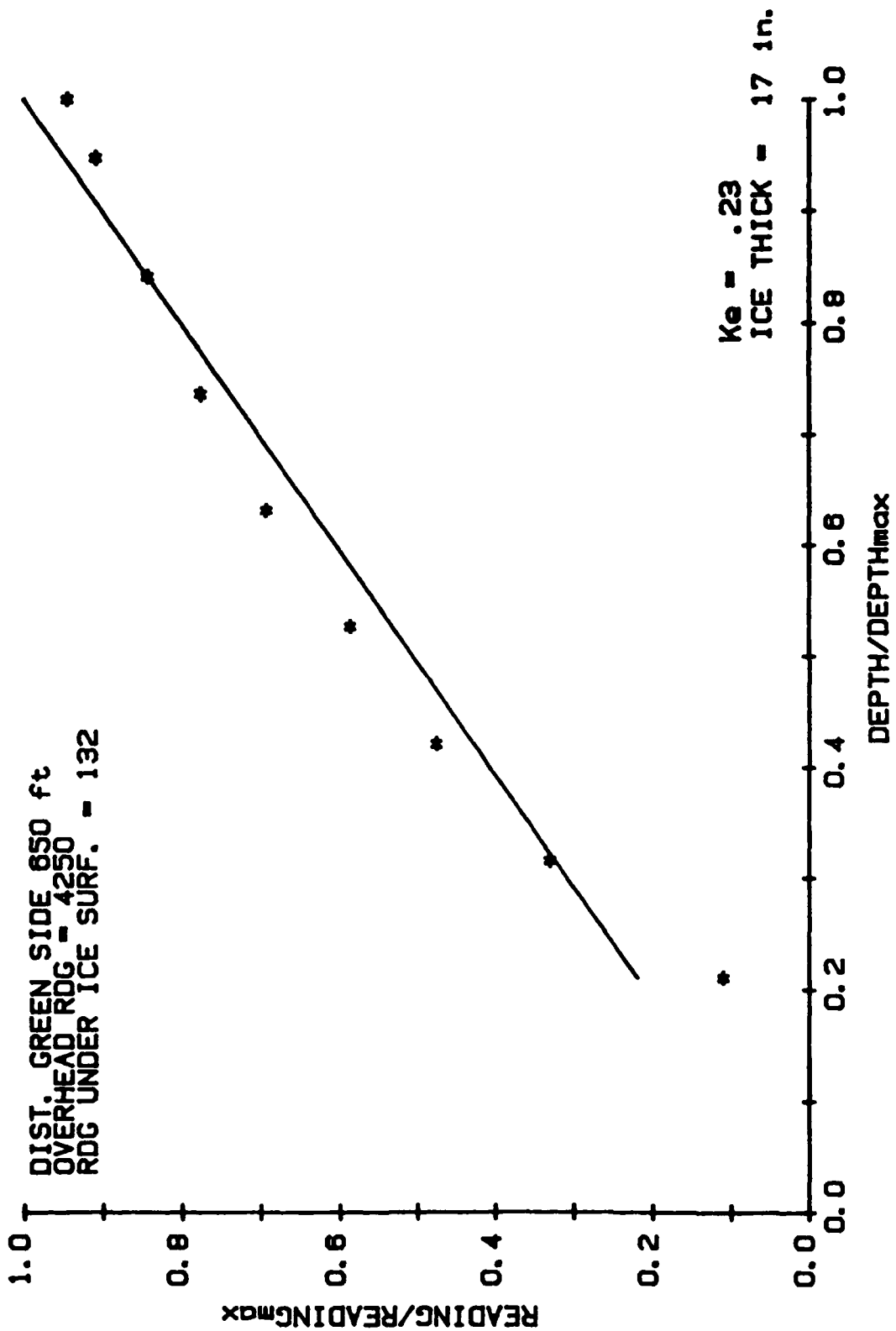
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.5	132.00	
2.0	103.00	
3.0	63.00	0.41
4.0	45.50	
5.0	35.60	0.25
6.0	28.00	
7.0	23.20	
8.0	20.00	
9.0	17.30	
9.5	16.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 650 ft  
OVERHEAD RDG = 4250  
RDG UNDER ICE SURF. = 132



## ICE THICKNESSES

[illegible]

SITE NAME MOON ISLAND

DATE 3/17/85

**ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE**

	DIST. TO	DEPTH AT	ICE THICK
	*** LOC.(ft) ***	***LOC.(ft)***	*** (in.) ***
LOCATION 1	65.0	2.5	30.0
LOCATION 2	115.0	5.4	21.0
LOCATION 3	215.0	6.5	19.0
LOCATION 4	750.0	24.0	21.0
LOCATION 5	1475.0	6.5	16.0
LOCATION 6	1575.0	6.5	18.0
LOCATION 7	1625.0	3.0	17.0

CC

# TURBIDITY READINGS

CC

SITE NAME MOON ISLAND

DATE 3/17/85

TOTAL DEPTH AT LOCATION	1	(ft)	5.4
TOTAL DEPTH AT LOCATION	2	(ft)	6.5
TOTAL DEPTH AT LOCATION	3	(ft)	24
TOTAL DEPTH AT LOCATION	4	(ft)	6.5
TOTAL DEPTH AT LOCATION	5	(ft)	6.5
TOTAL DEPTH AT LOCATION	6	(ft)	3

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	115.0	3.0	0.61
LOCATION 2	215.0	3.0	0.32
LOCATION 3	750.0	5.0 15.0 20.0	0.25 0.35 0.27
LOCATION 4	1475.0	3.0	0.72
LOCATION 5	1575.0	3.0	0.61
LOCATION 6	1625.0	2.5	0.64



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# LIGHT METER READINGS

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SITE NAME MOON ISLAND  
READING LOCATION (dist. from green side ft) 900 ft

DATE 3/17/85  
TIME 8:40 AM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 100  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 21  
TOTAL DEPTH AT LOCATION (ft) 24

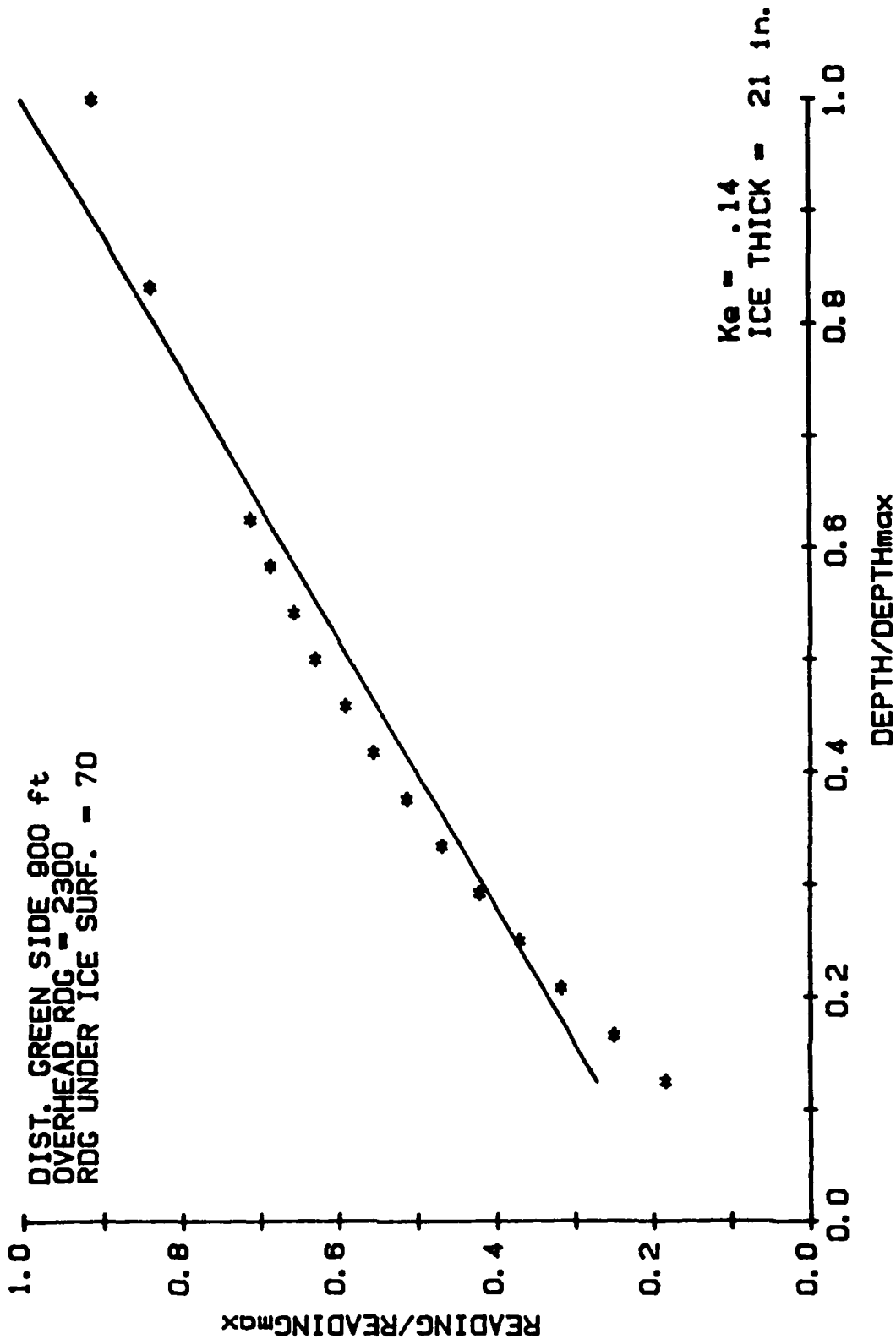
OVERHEAD LIGHT READING 2300  
LIGHT READING JUST UNDER ICE 70

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.8	70.00	
3.0	32.00	
4.0	24.00	
5.0	18.00	0.25
6.0	14.40	
7.0	11.60	
8.0	9.50	
9.0	7.90	
10.0	6.60	
11.0	5.70	
12.0	4.85	
13.0	4.30	
14.0	3.80	
15.0	3.40	0.35
20.0	1.97	0.27
24.0	1.45	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME MOON ISLAND  
 DIST. GREEN SIDE 900 ft  
 OVERHEAD RDG - 2300  
 RDG UNDER ICE SURF. - 70



CC

ICE THICKNESSES

CC

SITE NAME                      LAKE MUNUSCONG

DATE            3/17/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** LOC.(ft) ***	DEPTH AT ***LOC.(ft)***	ICE THICK *** (in.) ***
LOCATION 1	500.0	5.7	26.0
LOCATION 2	1000.0	9.9	22.0
LOCATION 3	1500.0	11.5	26.0

CC

# TURBIDITY READINGS

CC

SITE NAME LAKE MUNUSCONG

DATE 3/17/85

TOTAL DEPTH AT LOCATION 1 (ft) 5.7  
TOTAL DEPTH AT LOCATION 2 (ft) 9.899999  
TOTAL DEPTH AT LOCATION 3 (ft) 11.5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

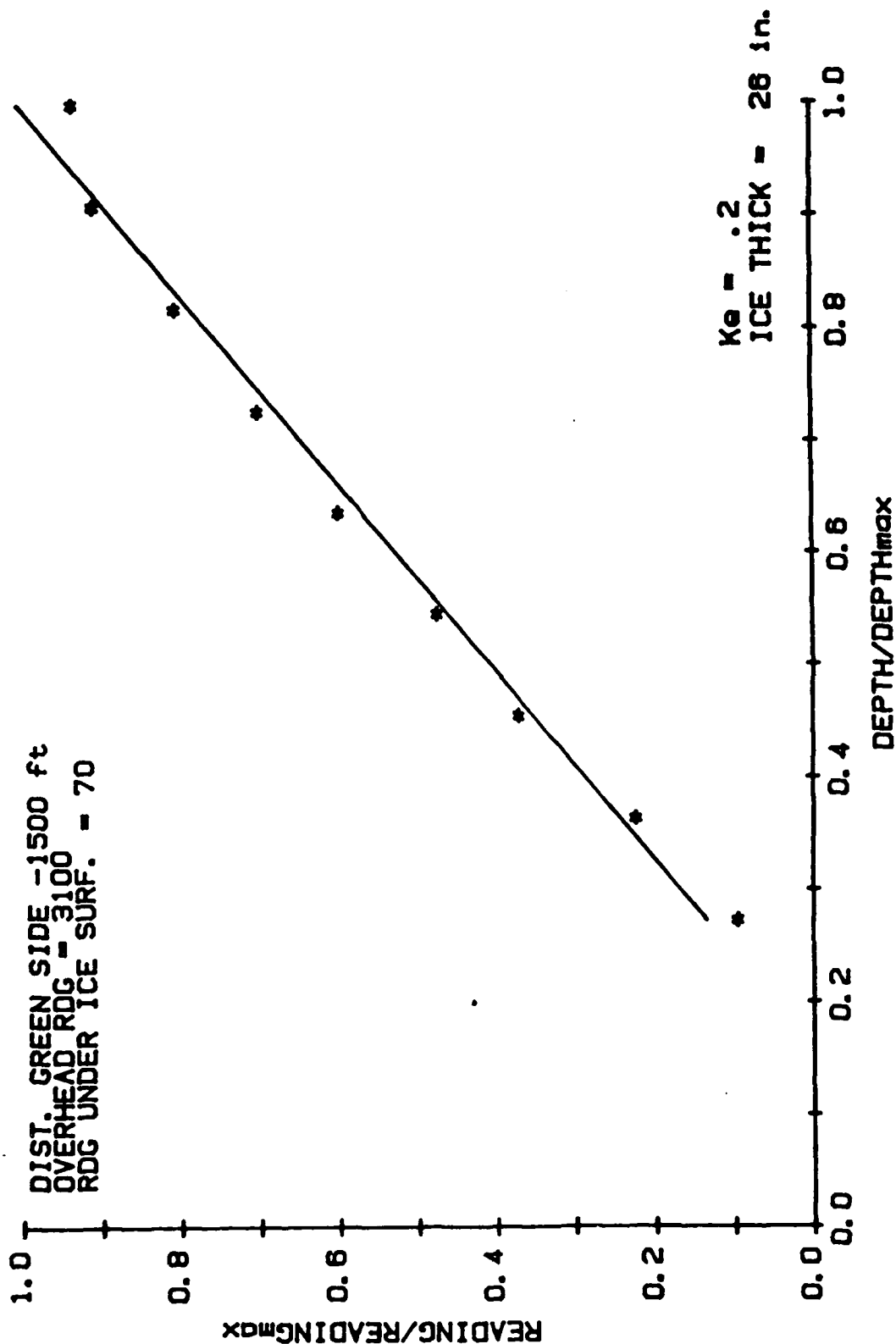
	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	500.0	3.0	0.56
LOCATION 2	1000.0	3.0	0.43
LOCATION 3	1500.0	3.0	0.36



# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE MUNUSCONG

DIST. GREEN SIDE -1500 ft  
OVERHEAD RDG - 3100  
RDG UNDER ICE SURF. - 70



## TURBIDITY READINGS

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0	3.0	0.34
		10.0	0.34
LOCATION 2	2.0	3.0	0.23
LOCATION 3	3.0	3.0	0.35
LOCATION 4	4.0	3.0	0.30

\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE A

DATE 3/17/85  
TIME 1:40 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 14  
TOTAL DEPTH AT LOCATION (ft) 12  
  
OVERHEAD LIGHT READING 4300  
LIGHT READING JUST UNDER ICE 100

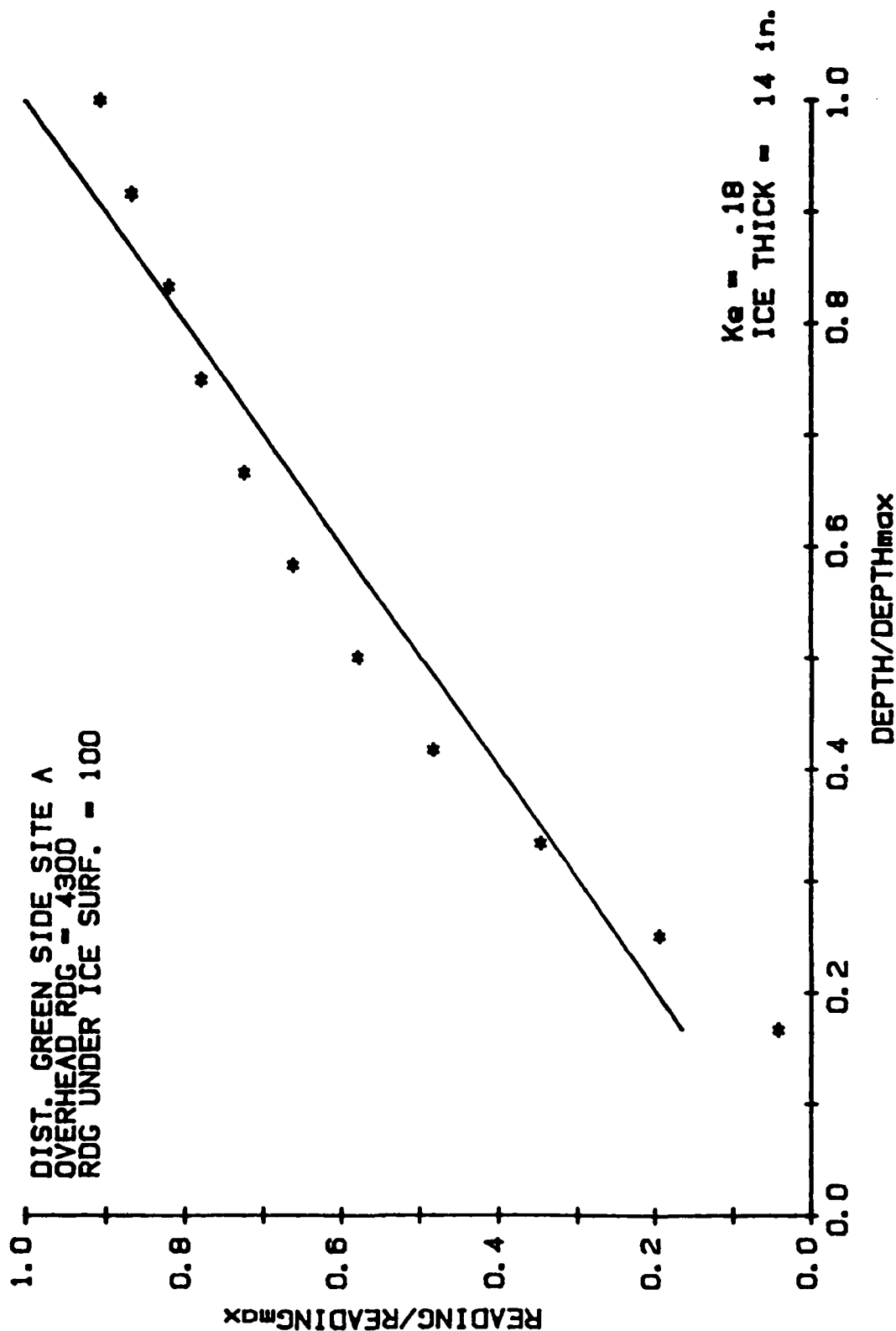
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.2	100.00	
2.0	91.00	
3.0	64.80	0.34
4.0	46.00	
5.0	34.00	
6.0	27.50	
7.0	22.80	
8.0	19.80	
9.0	17.50	
10.0	16.00	0.34
11.0	14.40	
12.0	13.20	



# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET  
 DIST. GREEN SIDE SITE A  
 OVERHEAD ROD - 4300  
 ROD UNDER ICE SURF. - 100



### LIGHT METER READINGS

SITE NAME	LAKE NICOLET	
READING LOCATION (dist. from green side ft)		SITE B
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100		

DATE	3/17/85	
TIME	1:45 PM	
SKY WAS	CLEAR	
ICE CONDITION	SNOWCOVERED	
PERCENTAGE SNOW ON ICE		80
DEPTH OF SNOW ON ICE (in)		4
ICE THICKNESS (in)	18	
TOTAL DEPTH AT LOCATION (ft)		7

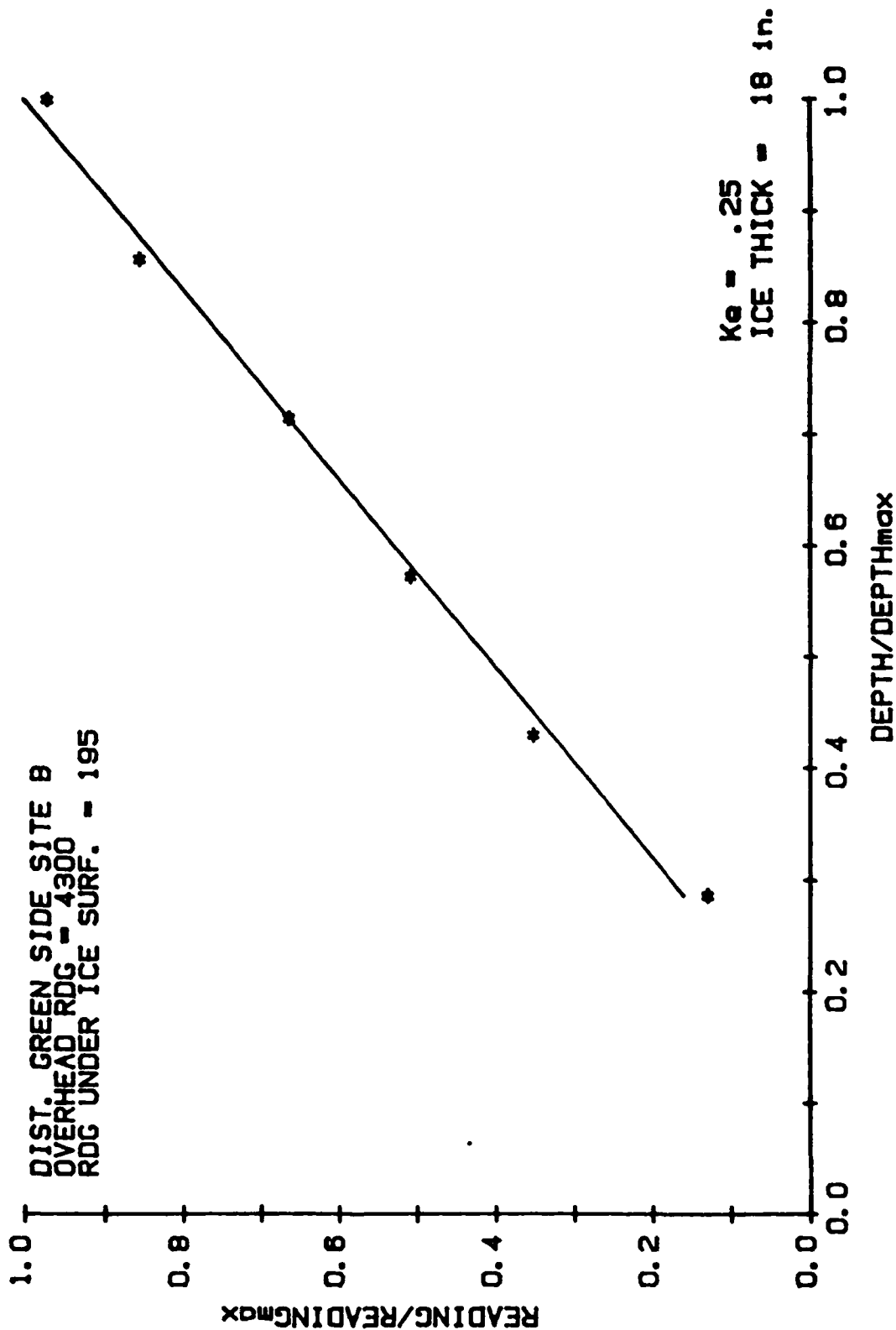
OVERHEAD LIGHT READING	4300
LIGHT READING JUST UNDER ICE	195

DEPTH OF		LIGHT METER		TURBIDITY	
***	READING(ft)	***	READING	***	(JTU)
1	0.0	1	100	1	100
2	0.1	2	100	2	100
3	0.2	3	100	3	100
4	0.3	4	100	4	100
5	0.4	5	100	5	100
6	0.5	6	100	6	100
7	0.6	7	100	7	100
8	0.7	8	100	8	100
9	0.8	9	100	9	100
10	0.9	10	100	10	100
11	1.0	11	100	11	100
12	1.1	12	100	12	100
13	1.2	13	100	13	100
14	1.3	14	100	14	100
15	1.4	15	100	15	100
16	1.5	16	100	16	100
17	1.6	17	100	17	100
18	1.7	18	100	18	100
19	1.8	19	100	19	100
20	1.9	20	100	20	100
21	2.0	21	100	21	100
22	2.1	22	100	22	100
23	2.2	23	100	23	100
24	2.3	24	100	24	100
25	2.4	25	100	25	100
26	2.5	26	100	26	100
27	2.6	27	100	27	100
28	2.7	28	100	28	100
29	2.8	29	100	29	100
30	2.9	30	100	30	100
31	3.0	31	100	31	100
32	3.1	32	100	32	100
33	3.2	33	100	33	100
34	3.3	34	100	34	100
35	3.4	35	100	35	100
36	3.5	36	100	36	100
37	3.6	37	100	37	100
38	3.7	38	100	38	100
39	3.8	39	100	39	100
40	3.9	40	100	40	100
41	4.0	41	100	41	100
42	4.1	42	100	42	100
43	4.2	43	100	43	100
44	4.3	44	100	44	100
45	4.4	45	100	45	100
46	4.5	46	100	46	100
47	4.6	47	100	47	100
48	4.7	48	100	48	100
49	4.8	49	100	49	100
50	4.9	50	100	50	100
51	5.0	51	100	51	100
52	5.1	52	100	52	100
53	5.2	53	100	53	100
54	5.3	54	100	54	100
55	5.4	55	100	55	100
56	5.5	56	100	56	100
57	5.6	57	100	57	100
58	5.7	58	100	58	100
59	5.8	59	100	59	100
60	5.9	60	100	60	100
61	6.0	61	100	61	100
62	6.1	62	100	62	100
63	6.2	63	100	63	100
64	6.3	64	100	64	100
65	6.4	65	100	65	100
66	6.5	66	100	66	100
67	6.6	67	100	67	100
68	6.7	68	100	68	100
69	6.8	69	100	69	100
70					

1.5	195.00	
2.0	160.00	
3.0	114.00	0.23
4.0	90.00	
5.0	71.00	
6.0	53.00	
7.0	44.50	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET  
DIST. GREEN SIDE SITE B  
OVERHEAD RDG - 4300  
RDG UNDER ICE SURF. - 195



CC

# LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE C

DATE 3/17/85  
TIME 2:20 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 21  
TOTAL DEPTH AT LOCATION (ft) 5.8

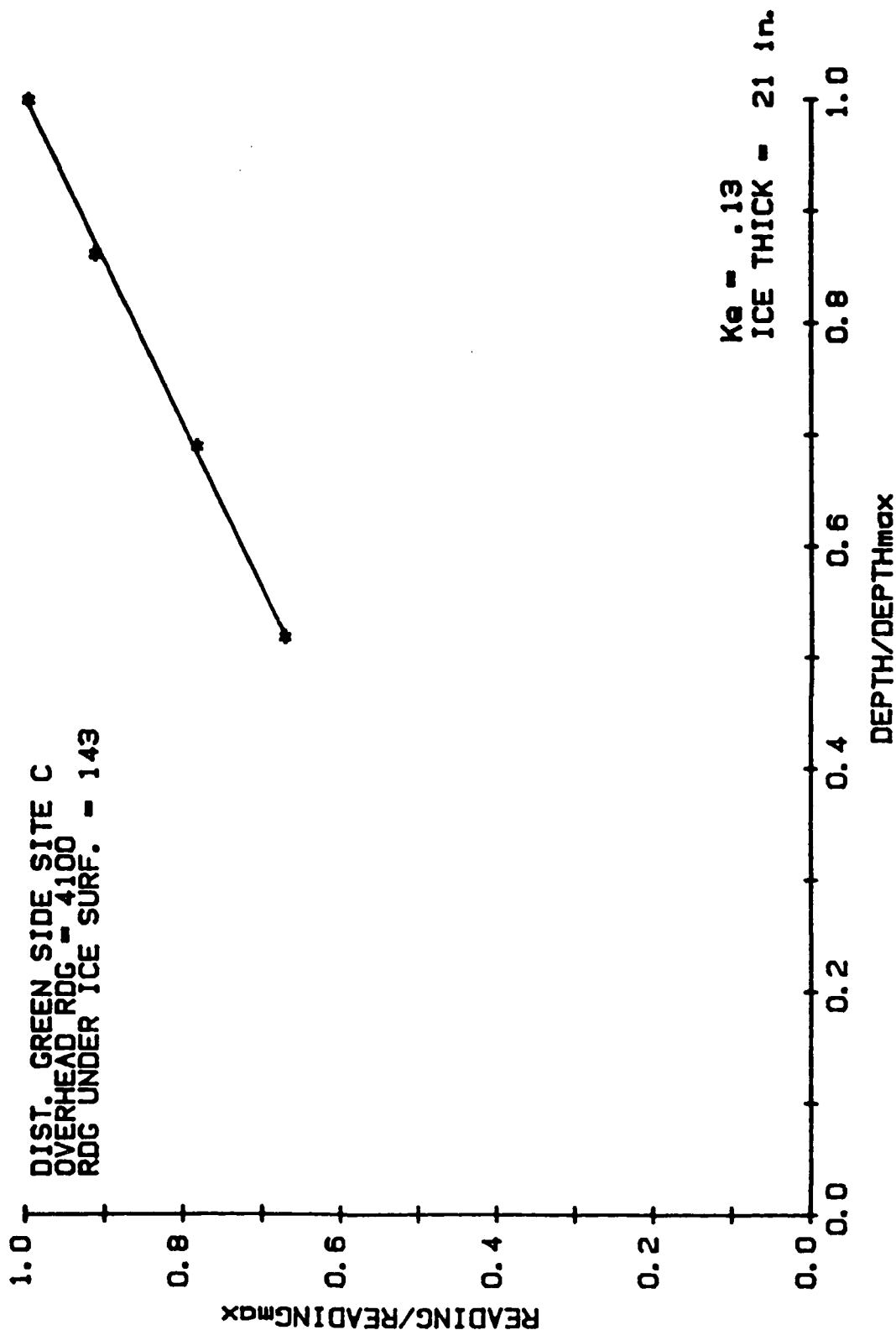
OVERHEAD LIGHT READING 4100  
LIGHT READING JUST UNDER ICE 143

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1.8	143.00	
3.0	66.00	0.35
4.0	58.00	
5.0	50.00	
5.8	45.40	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE C  
OVERHEAD RDG - 4100  
RDG UNDER ICE SURF. - 143



CC

# LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE D

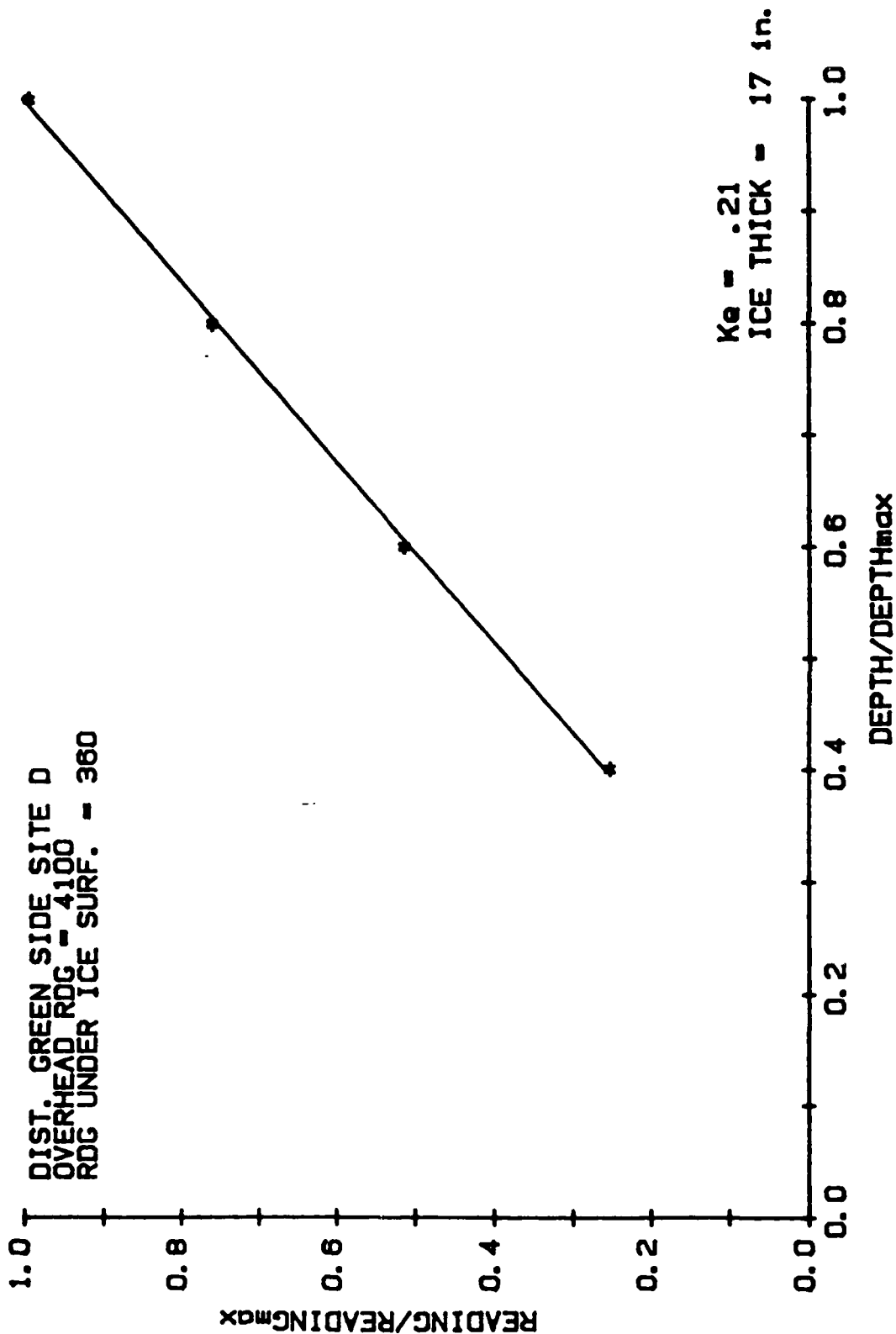
DATE 3/17/85  
TIME 2:40 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 80  
DEPTH OF SNOW ON ICE (in) 4  
ICE THICKNESS (in) 17  
TOTAL DEPTH AT LOCATION (ft) 5  
  
OVERHEAD LIGHT READING 4100  
LIGHT READING JUST UNDER ICE 360

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1.5	360.00	
2.0	290.00	
3.0	232.00	0.30
4.0	188.00	
5.0	154.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE D  
OVERHEAD RDG - 4100  
RDG UNDER ICE SURF. - 360



CC

# TURBIDITY READINGS

CC

SITE NAME CHARLOTTE RIVER

DATE 3/17/85

TOTAL DEPTH AT LOCATION	1	(ft)	3.9
TOTAL DEPTH AT LOCATION	2	(ft)	5
TOTAL DEPTH AT LOCATION	3	(ft)	7.3
TOTAL DEPTH AT LOCATION	4	(ft)	14.2

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0	3.0	14.00
LOCATION 2	2.0	3.0	1.70
LOCATION 3	3.0	3.0	19.50
LOCATION 4	4.0	3.0	21.50



\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft) 200' DOWN fr BRIDGE

DATE 3/17/85  
TIME 5:00 PM  
SKY WAS CLEAR  
ICE CONDITION SNOWCOVERED  
PERCENTAGE SNOW ON ICE 100  
DEPTH OF SNOW ON ICE (in) 6  
ICE THICKNESS (in) 17  
TOTAL DEPTH AT LOCATION (ft) 14.2

OVERHEAD LIGHT READING 2650  
LIGHT READING JUST UNDER ICE 10.4

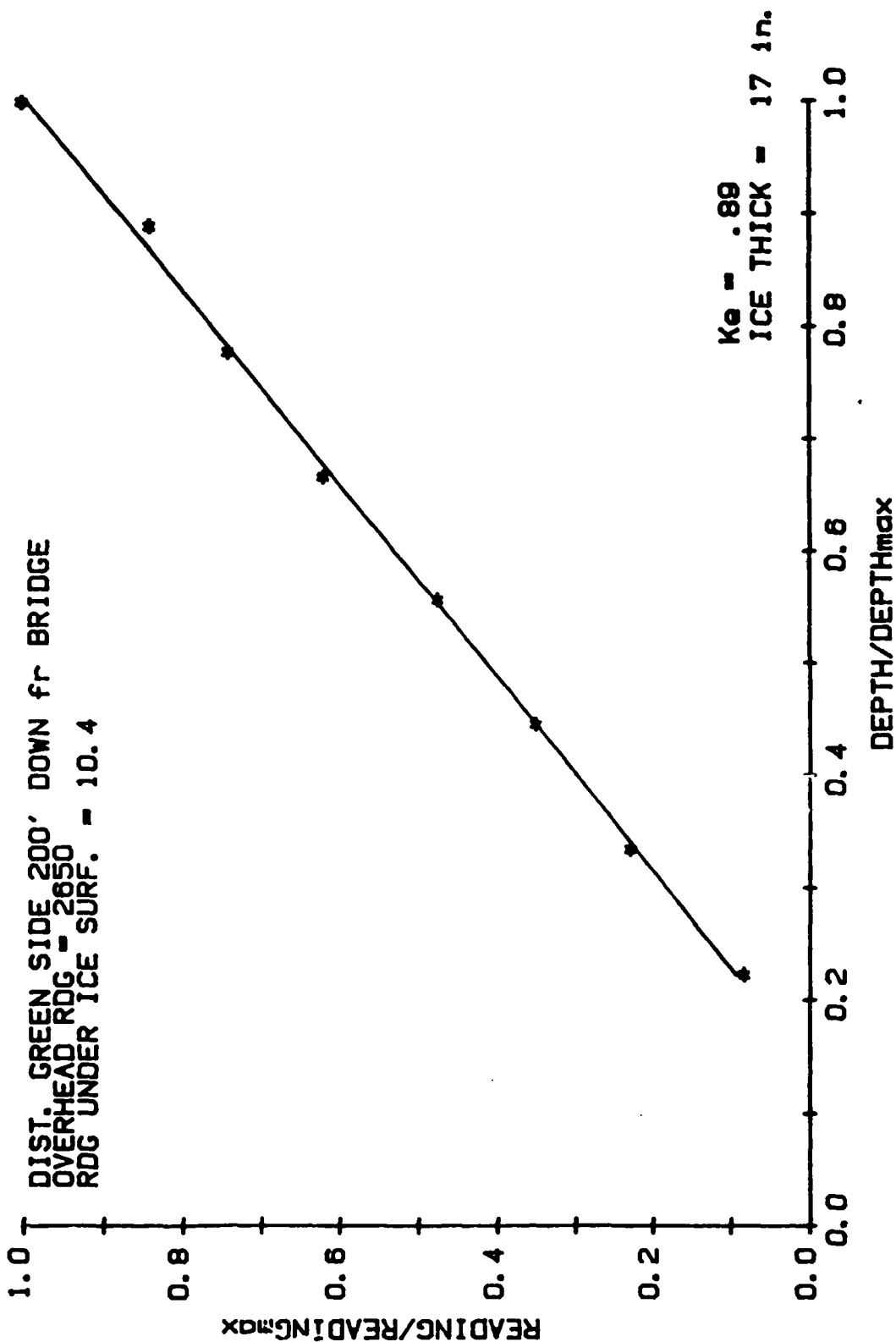
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

1.5	10.40	
2.0	5.80	
3.0	2.10	21.50
4.0	0.90	
5.0	0.38	
6.0	0.14	
7.0	0.06	
8.0	0.03	
9.0	0.01	
10.0	0.00	
14.2	0.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 200' DOWN fr BRIDGE  
OVERHEAD RDG = 2650  
RDG UNDER ICE SURF. = 10.4



DATA FOR MAY 1985

CC

TURBIDITY READINGS

CC

SITE NAME RIVER VIEW

DATE 5/14/85

TOTAL DEPTH AT LOCATION 1 (ft) 4  
TOTAL DEPTH AT LOCATION 2 (ft) 36.2  
TOTAL DEPTH AT LOCATION 3 (ft) 5.5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1575.0	2.0	1.60
LOCATION 2	900.0	5.0	0.71
		15.0	1.10
		25.0	0.79
LOCATION 3	200.0	2.0	1.50

CC

LIGHT METER READINGS

CC

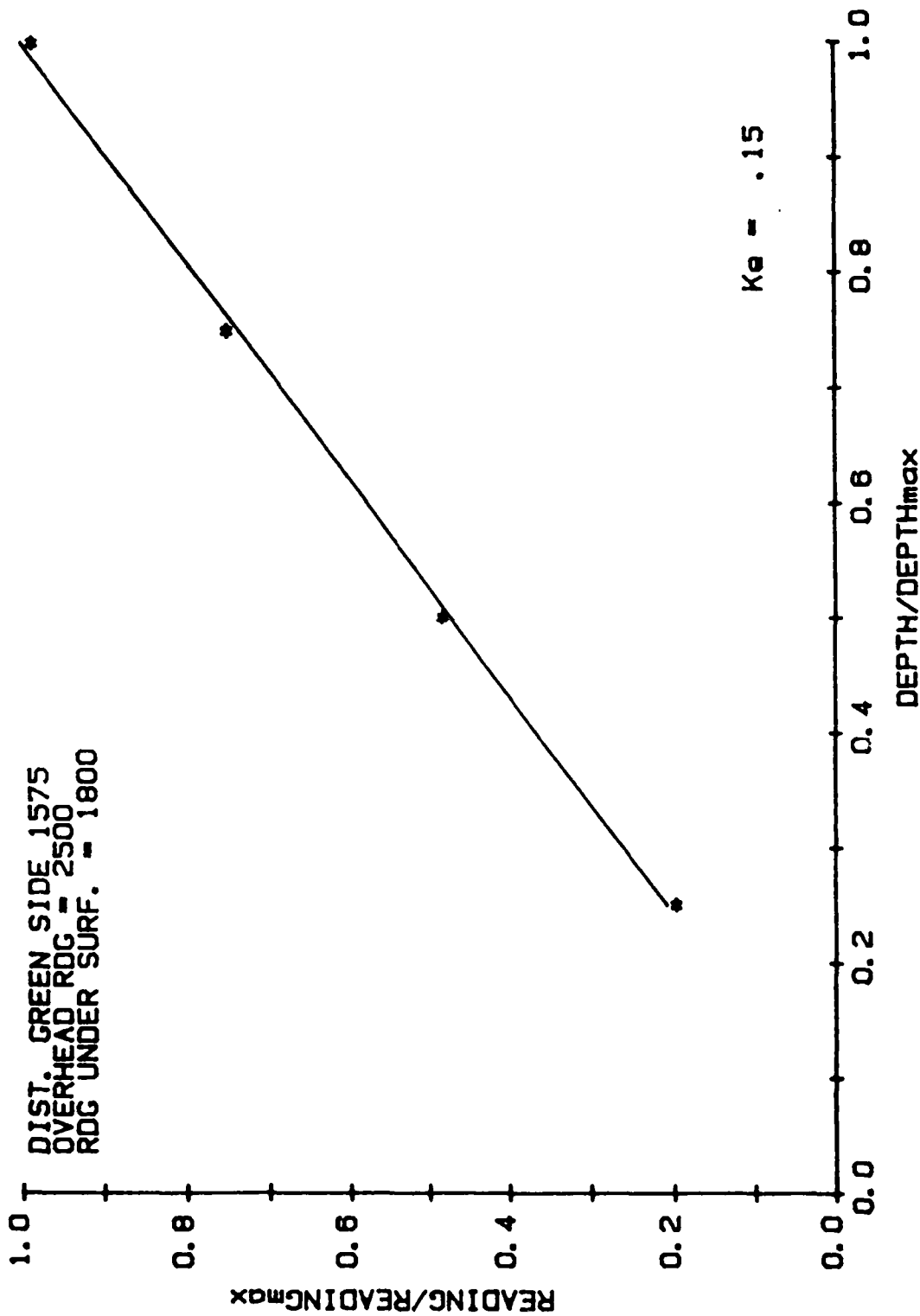
SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 1575  
  
DATE 5/14/85  
TIME 11:00 AM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 4  
  
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 1800

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1800.00	
1.0	1600.00	
2.0	1350.00	1.60
3.0	1150.00	
4.0	1000.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME RIVER VIEW

DIST. GREEN SIDE 1575  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 1800



CC

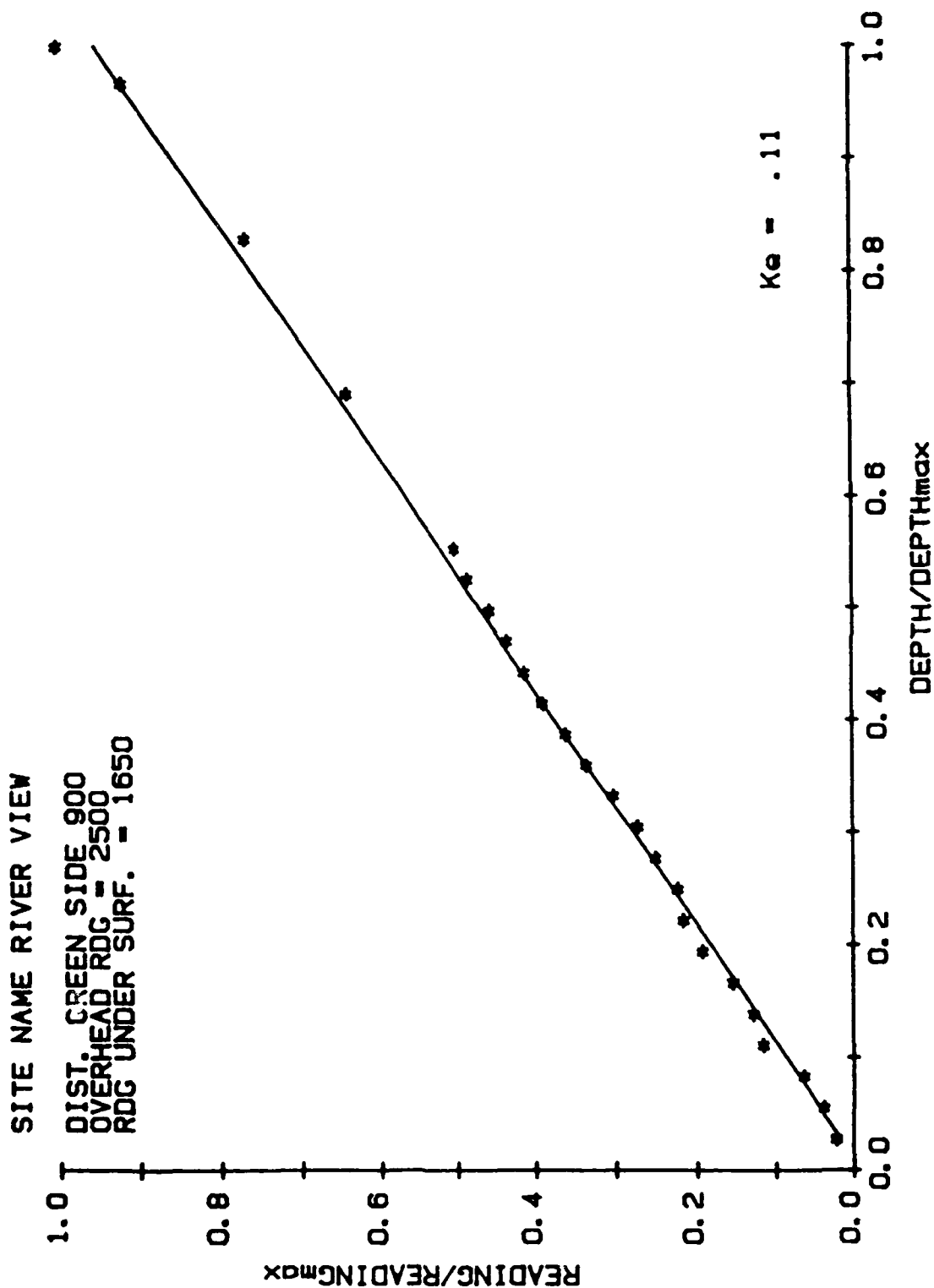
LIGHT METER READINGS

CC

SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 900  
  
DATE 5/14/85  
TIME 12:25 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 36.2  
  
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 1650

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
0.0	1650.00	
1.0	1500.00	
2.0	1400.00	
3.0	1250.00	
4.0	1000.00	
5.0	950.00	0.71
6.0	850.00	
7.0	720.00	
8.0	650.00	
9.0	630.00	
10.0	560.00	
11.0	510.00	
12.0	450.00	
13.0	390.00	
14.0	350.00	
15.0	310.00	1.10
16.0	280.00	
17.0	255.00	
18.0	230.00	
19.0	205.00	
20.0	190.00	
25.0	105.00	0.79
30.0	61.00	
35.0	32.00	
36.2	22.50	

# \*\*LIGHT METER RESULTS\*\*





CC

# LIGHT METER READINGS

CC

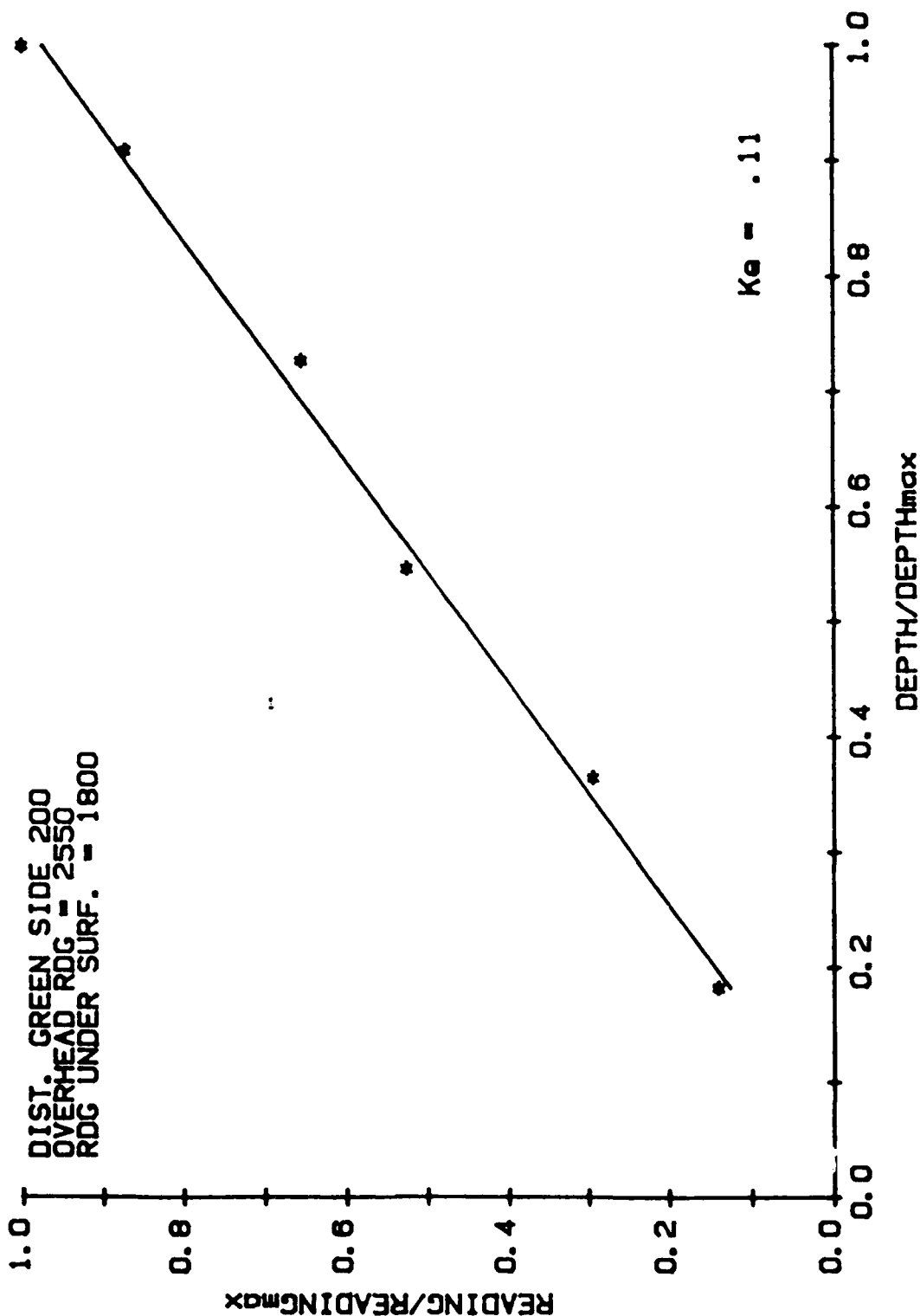
SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 200  
  
DATE 5/14/85  
TIME 12:35 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 5.5  
  
OVERHEAD LIGHT READING 2550  
LIGHT READING JUST UNDER WATER SURFACE 1800

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
0.0	1800.00	
1.0	1650.00	
2.0	1500.00	1.50
3.0	1300.00	
4.0	1200.00	
5.0	1050.00	
5.5	970.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME RIVER VIEW

DIST. GREEN SIDE 200  
OVERHEAD RDG = 2550  
RDG UNDER SURF. = 1800



CC

# TURBIDITY READINGS

CC

SITE NAME SAND ISLAND

DATE 5/10/85

TOTAL DEPTH AT LOCATION	1	(ft)	5.5
TOTAL DEPTH AT LOCATION	2	(ft)	5.5
TOTAL DEPTH AT LOCATION	3	(ft)	34
TOTAL DEPTH AT LOCATION	4	(ft)	34
TOTAL DEPTH AT LOCATION	5	(ft)	4.5
TOTAL DEPTH AT LOCATION	6	(ft)	4.5
TOTAL DEPTH AT LOCATION	7	(ft)	4

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	210.0		
		2.0	7.10
LOCATION 2	210.0		
		2.0	6.30
LOCATION 3	2100.0		
		5.0	1.60
		15.0	1.60
		25.0	1.80
LOCATION 4	2100.0		
		25.0	2.00
LOCATION 5	2775.0		
		2.0	2.50
LOCATION 6	2775.0		
		2.0	1.70
LOCATION 7	2875.0		
		2.0	5.40

CC

# LIGHT METER READINGS

CC

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 2100

DATE 5/10/85  
TIME 11:05 AM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 34

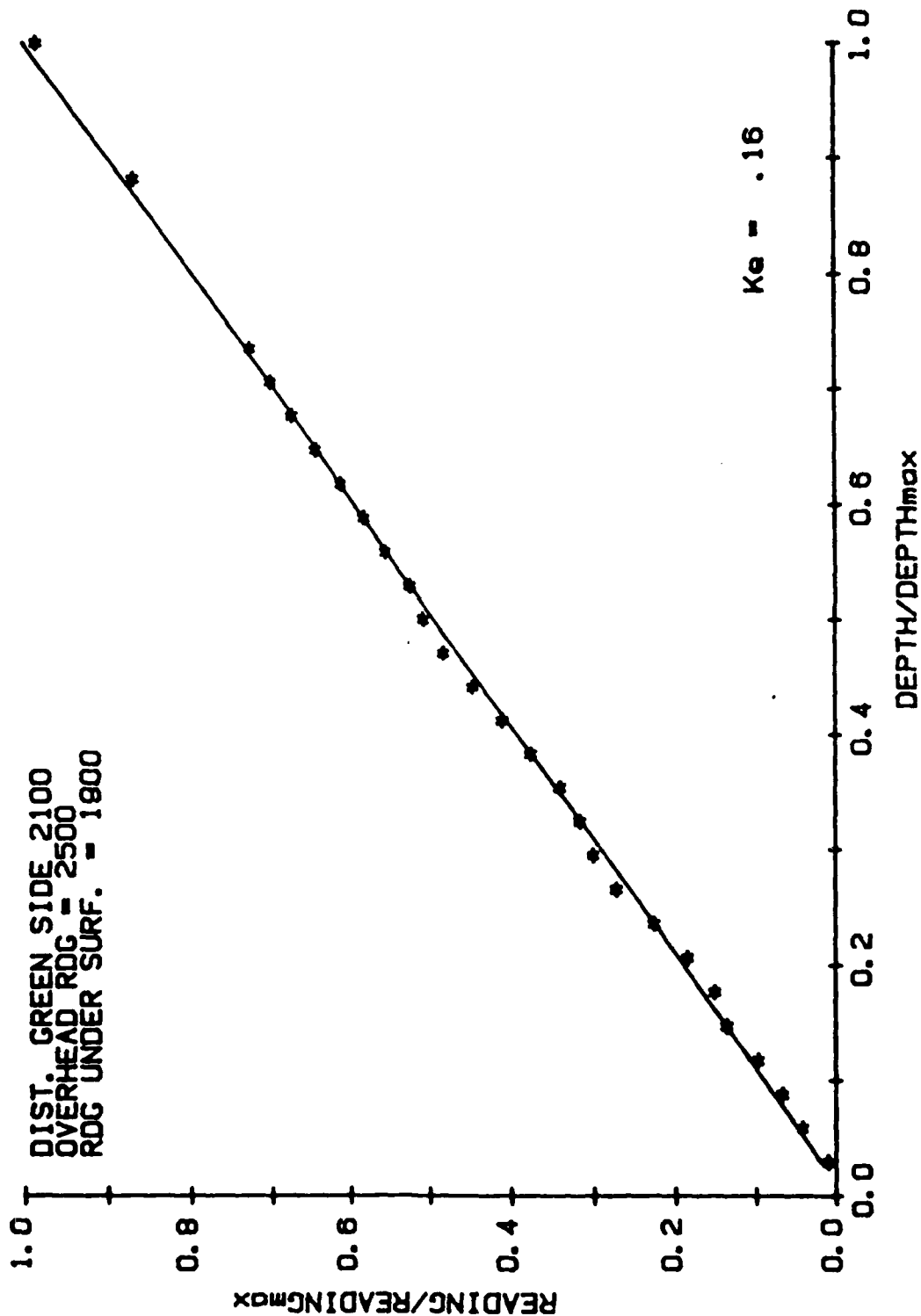
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 1900

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1900.00	
1.0	1800.00	
2.0	1500.00	
3.0	1300.00	
4.0	1100.00	
5.0	880.00	1.80
6.0	810.00	
7.0	670.00	
8.0	530.00	
9.0	410.00	
10.0	350.00	
11.0	320.00	
12.0	280.00	
13.0	230.00	
14.0	190.00	
15.0	155.00	1.60
16.0	127.00	
17.0	110.00	
18.0	100.00	
19.0	84.00	
20.0	72.00	
21.0	61.00	
22.0	51.00	
23.0	43.00	
24.0	37.00	
25.0	32.00	1.80
30.0	14.50	
34.0	7.60	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME SAND ISLAND

DIST. GREEN SIDE 2100  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 1800



CC

LIGHT METER READINGS

CC

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 210

DATE 5/10/85  
TIME 11:15 AM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 5.5

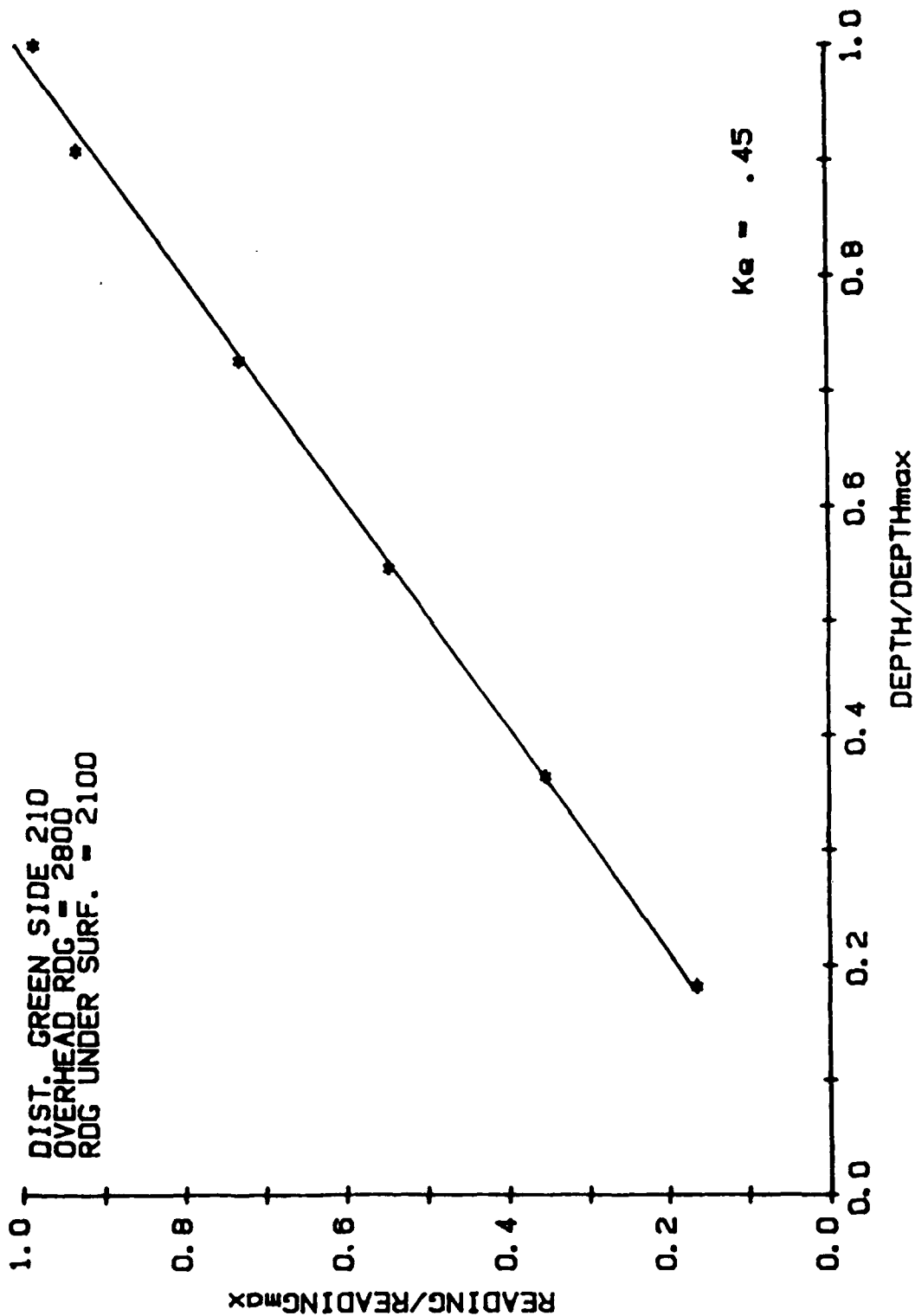
OVERHEAD LIGHT READING 2800  
LIGHT READING JUST UNDER WATER SURFACE 2100

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	2100.00	
1.0	1400.00	
2.0	880.00	7.10
3.0	550.00	
4.0	350.00	
5.0	215.00	
5.5	190.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME SAND ISLAND

DIST. GREEN SIDE 210  
OVERHEAD RCG = 2800  
RCG UNDER SURF. = 2100



LIGHT METER READINGS

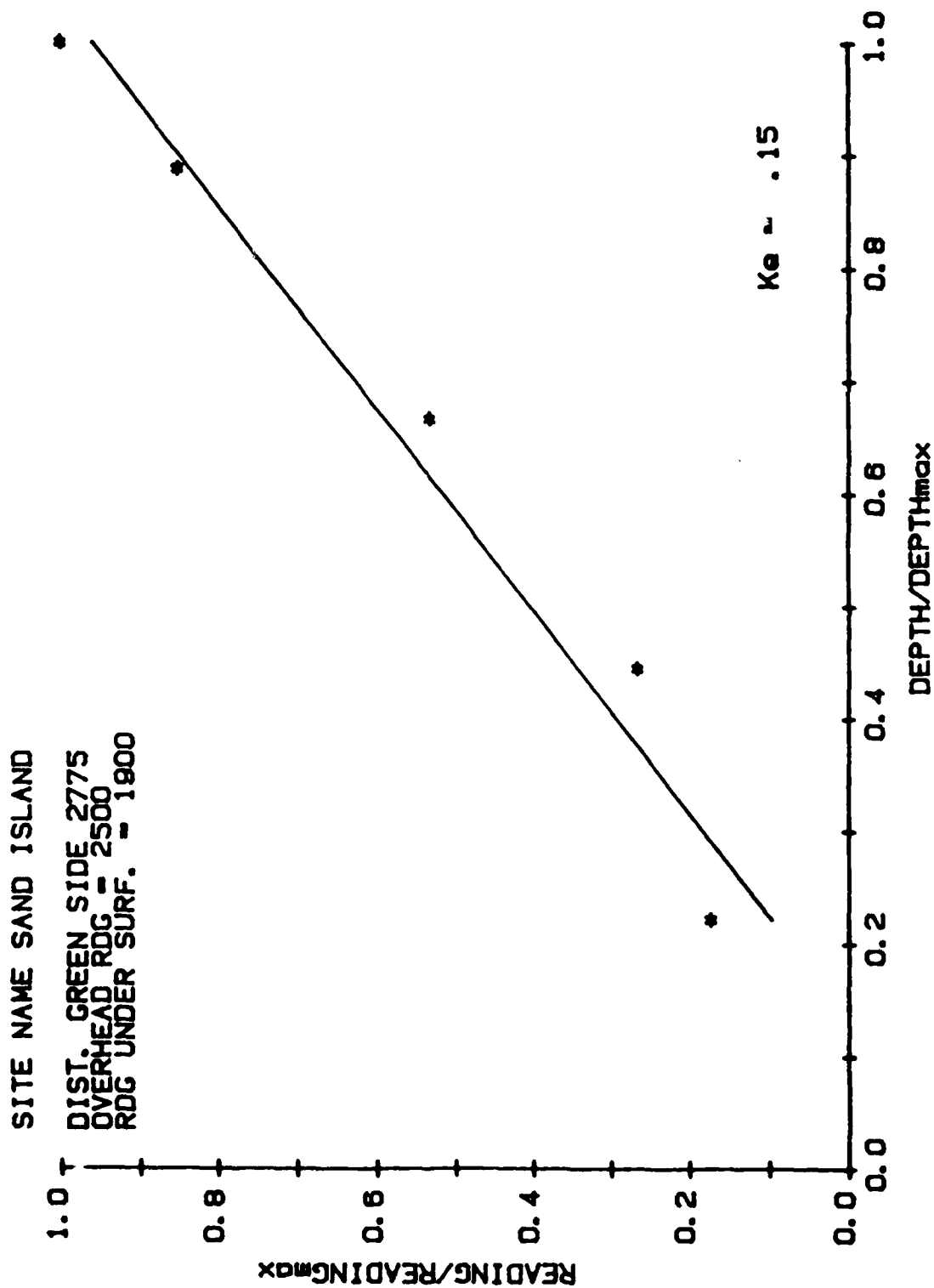
DATE 5/10/85  
TIME 11:30 AM  
SKY WAS CLOUDY

OVERHEAD LIGHT READING	2500	
LIGHT READING JUST UNDER WATER SURFACE		1900

0.0	1900.00	
1.0	1700.00	
2.0	1600.00	2.50
3.0	1350.00	
4.0	1100.00	
4.5	1000.00	

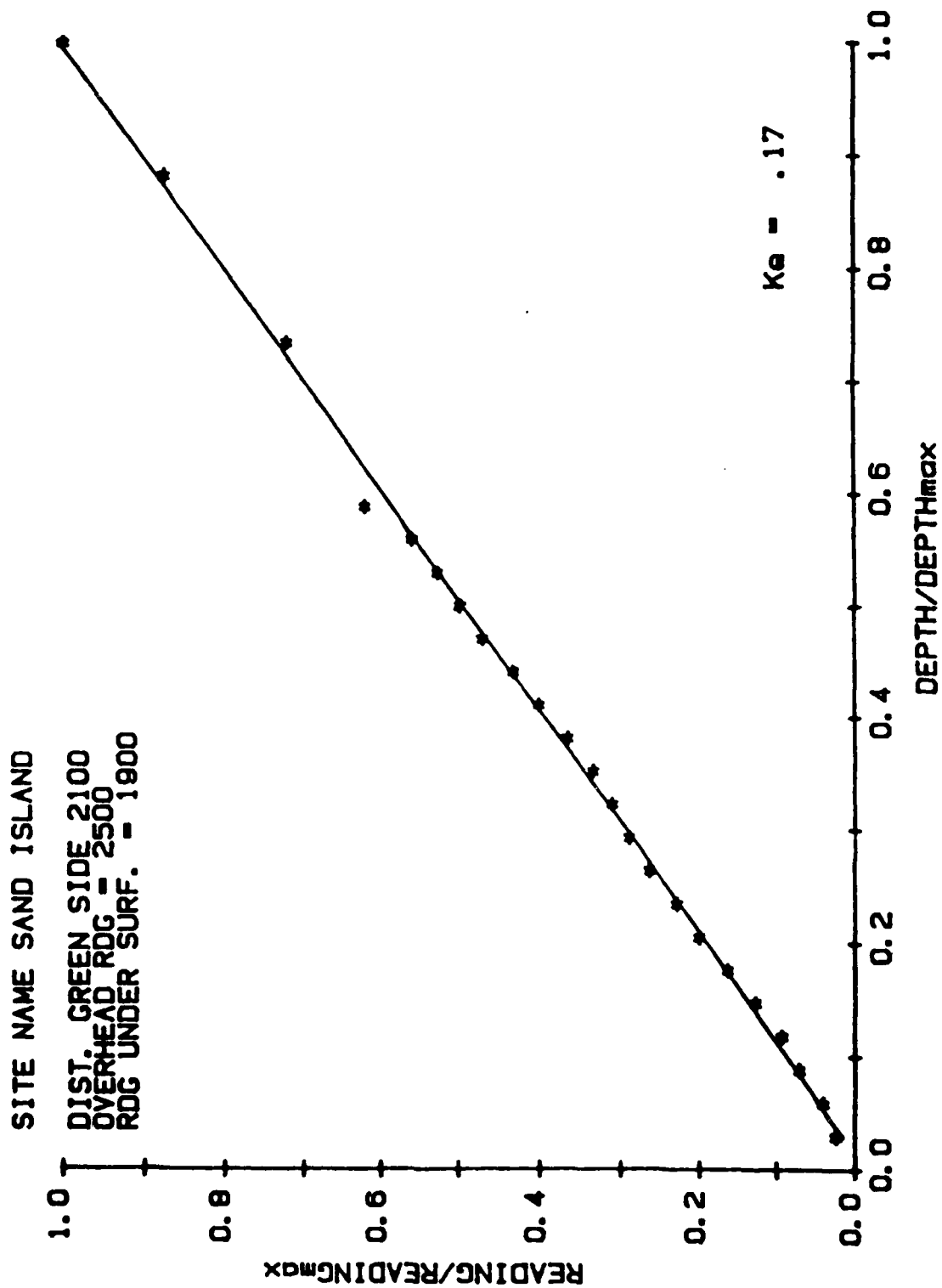


# **\*\*LIGHT METER RESULTS\*\***





# \*\*LIGHT METER RESULTS\*\*



## TURBIDITY READINGS

DATE 5/10/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

CC 17

CC

LIGHT METER READINGS

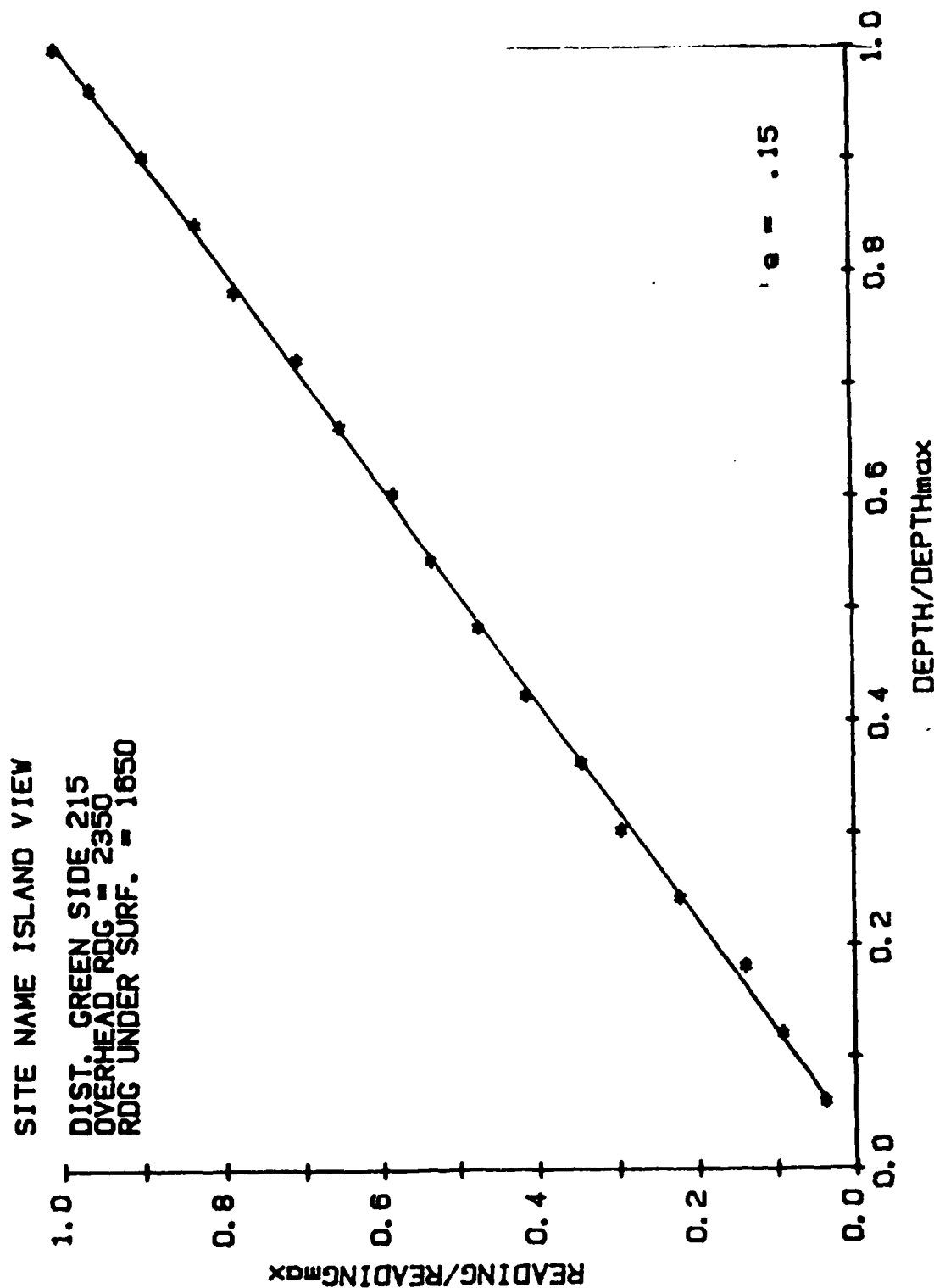
CC

SITE NAME ISLAND VIEW  
READING LOCATION (dist. from green side ft) 215  
  
DATE 5/10/85  
TIME 1:23 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 16.6  
  
OVERHEAD LIGHT READING 2350  
LIGHT READING JUST UNDER WATER SURFACE 1650

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1650.00	
1.0	1500.00	
2.0	1300.00	1.90
3.0	1150.00	
4.0	930.00	
5.0	770.00	
6.0	680.00	
7.0	570.00	
8.0	490.00	
9.0	420.00	
10.0	370.00	
11.0	310.00	
12.0	270.00	
13.0	220.00	
14.0	195.00	
15.0	165.00	
16.0	140.00	
16.6	125.00	

# **\*\*LIGHT METER RESULTS\*\***



\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME ISLAND VIEW  
 READING LOCATION (dist. from green side ft) 1000

DATE 5/10/85

TIME 11:12 PM

SKY WAS CLOUDY

TOTAL DEPTH AT LOCATION (ft) 37

OVERHEAD LIGHT READING 2250

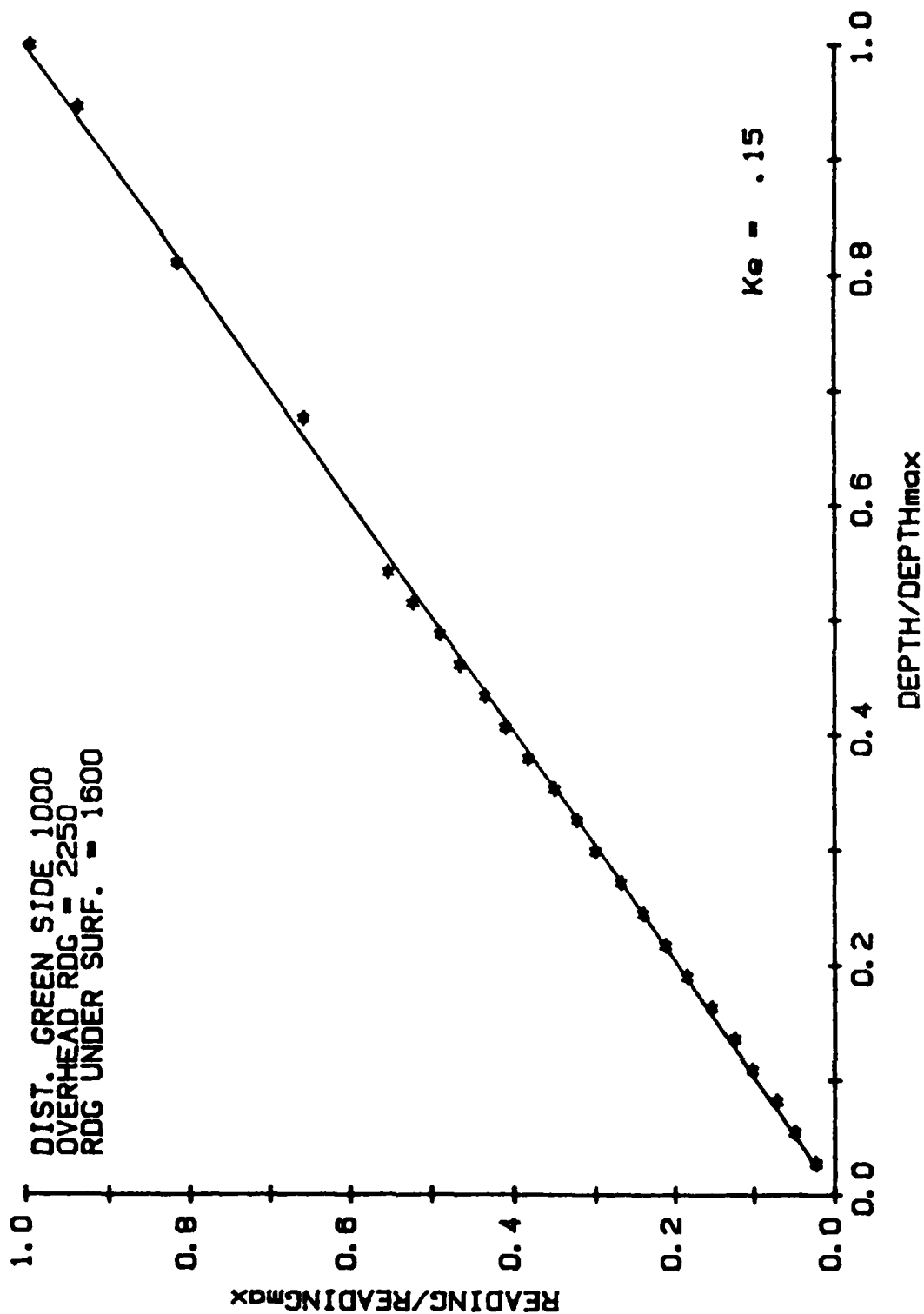
LIGHT READING JUST UNDER WATER SURFACE 1600

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
---------------------------------	--------------------------------	----------------------------

0.0	1600.00	
1.0	1400.00	
2.0	1200.00	
3.0	1050.00	
4.0	880.00	
5.0	770.00	2.20
6.0	650.00	
7.0	540.00	
8.0	460.00	
9.0	390.00	
10.0	330.00	
11.0	275.00	
12.0	240.00	
13.0	205.00	
14.0	170.00	
15.0	145.00	1.90
16.0	125.00	
17.0	105.00	
18.0	91.00	
19.0	75.00	
20.0	63.00	
25.0	34.00	1.90
30.0	13.50	
35.0	6.70	
37.0	4.80	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME ISLAND VIEW  
 DIST. GREEN SIDE 1000  
 OVERHEAD ROD = 2250  
 ROD UNDER SURF. = 1600

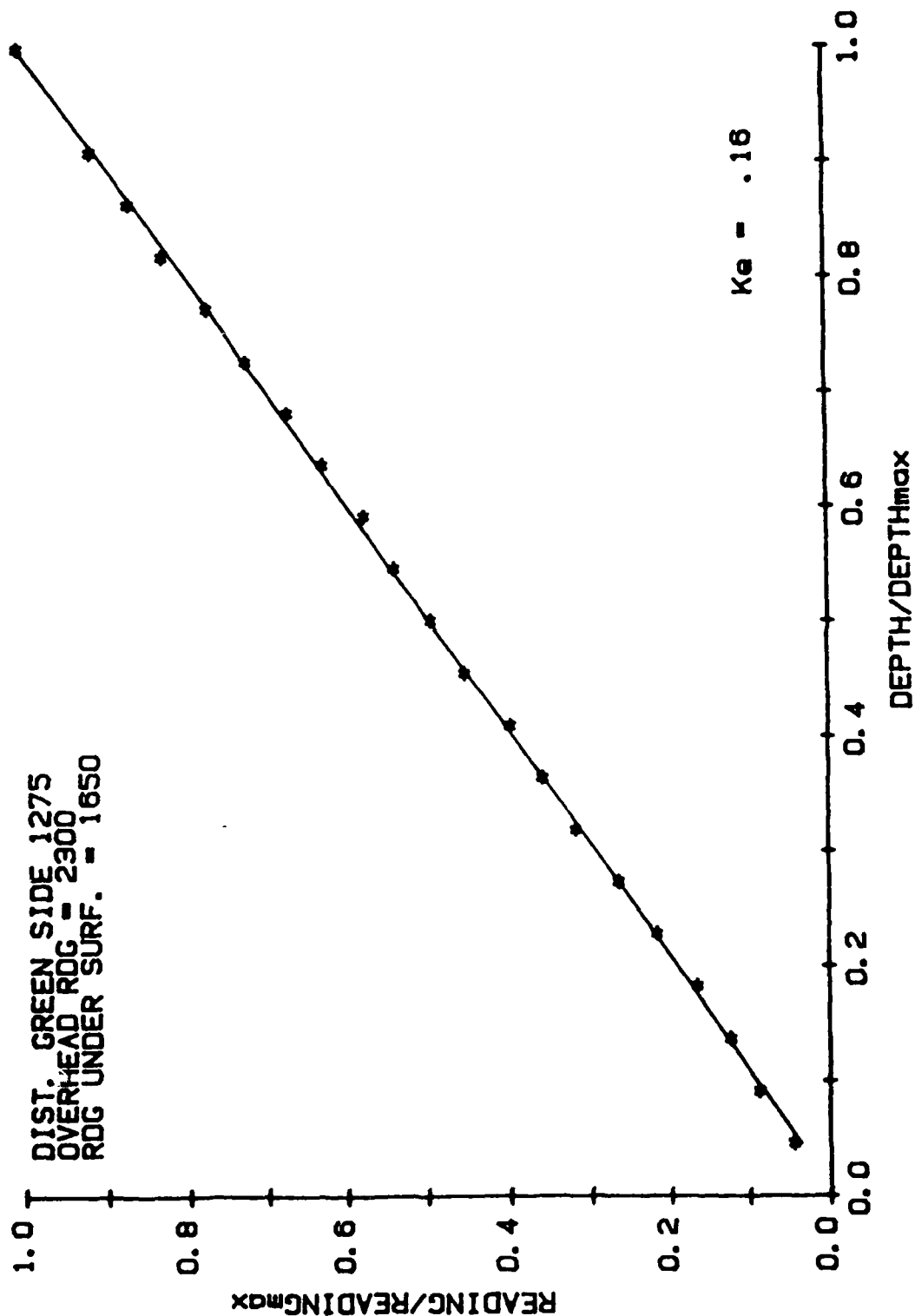




### LIGHT METER READINGS

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME ISLAND VIEW  
 DIST. GREEN SIDE 1275  
 OVERHEAD ROG = 2300  
 RDG UNDER SURF. = 1650



CC

LIGHT METER READINGS

CC

SITE NAME ISLAND VIEW  
READING LOCATION (dist. from green side ft) 2068

DATE 5/10/85  
TIME 1:00 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 4.5

OVERHEAD LIGHT READING 2300  
LIGHT READING JUST UNDER WATER SURFACE 1600

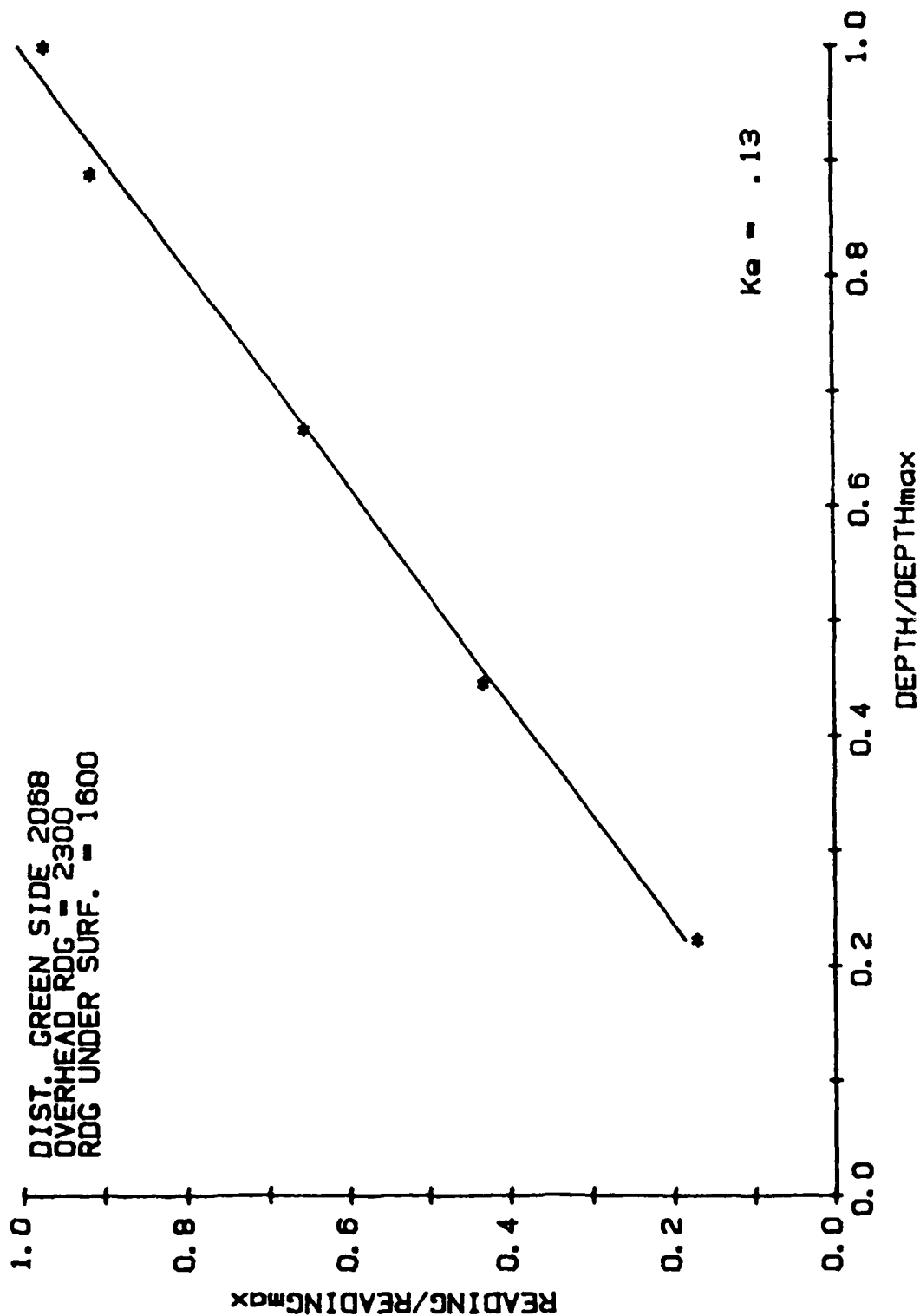
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1600.00	
1.0	1450.00	
2.0	1250.00	1.80
3.0	1100.00	
4.0	950.00	
4.5	920.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME ISLAND VIEW

DIST. GREEN SIDE 2088  
OVERHEAD RDG = 2300  
RDG UNDER SURF. = 1600



CC

# TURBIDITY READINGS

CC

SITE NAME NINE MILE

DATE 5/14/85

TOTAL DEPTH AT LOCATION	1	(ft)	3
TOTAL DEPTH AT LOCATION	2	(ft)	5.6
TOTAL DEPTH AT LOCATION	3	(ft)	23
TOTAL DEPTH AT LOCATION	4	(ft)	36.7
TOTAL DEPTH AT LOCATION	5	(ft)	3.8

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	300.0		
		2.0	2.80
LOCATION 2	600.0		
		2.0	3.20
LOCATION 3	2500.0		
		2.0	1.60
		10.0	1.40
LOCATION 4	4700.0		
		5.0	1.40
		15.0	1.20
		25.0	1.25
LOCATION 5	5650.0		
		2.0	0.84

LIGHT METER READINGS

```

SITE NAME                               NINE MILE
READING LOCATION (dist. from green side ft)      300

DATE      5/14/85
TIME      12:00 PM
SKY WAS   CLEAR
TOTAL DEPTH AT LOCATION (ft)                3

OVERHEAD LIGHT READING                    2500
LIGHT READING JUST UNDER WATER SURFACE      1850

```

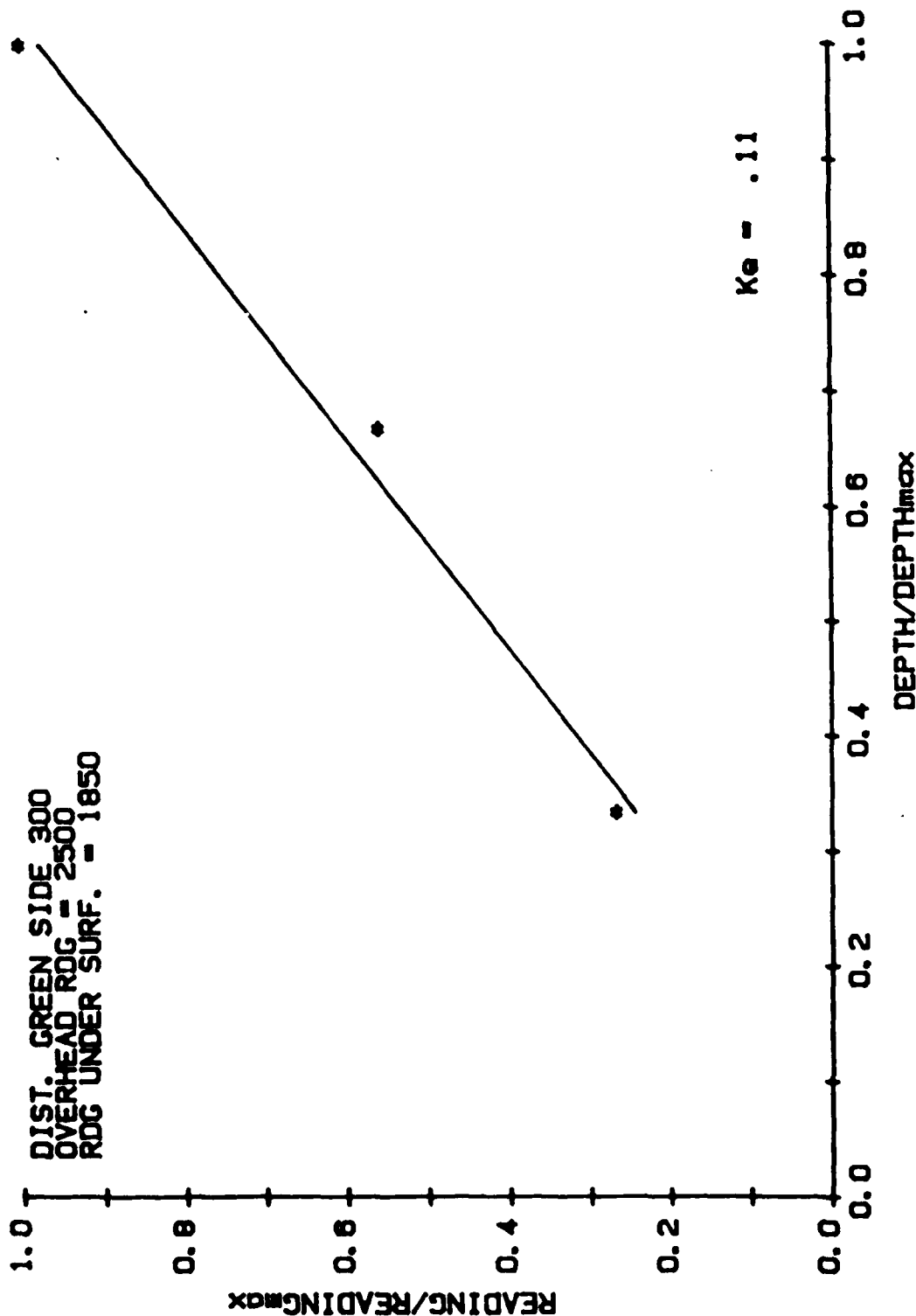
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
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47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
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56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
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74	100	100
75	100	100
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77	100	100
78	100	100
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80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

0.0	1850.00	
1.0	1700.00	
2.0	1550.00	2.80
3.0	1350.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME NINE MILE

DIST. GREEN SIDE 300  
OVERHEAD ROD = 2500  
ROD UNDER SURF. = 1850



\*\*\*\*\*

LIGHT METER READINGS

\*\*\*\*\*

SITE NAME NINE MILE  
READING LOCATION (dist. from green side ft) 600

DATE 5/14/85

TIME 12:05 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 5.6

OVERHEAD LIGHT READING 2600

LIGHT READING JUST UNDER WATER SURFACE 1900

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1900.00	
-----	---------	--

1.0	1750.00	
-----	---------	--

2.0	1500.00	
-----	---------	--

3.0	1450.00	
-----	---------	--

4.0	1150.00	
-----	---------	--

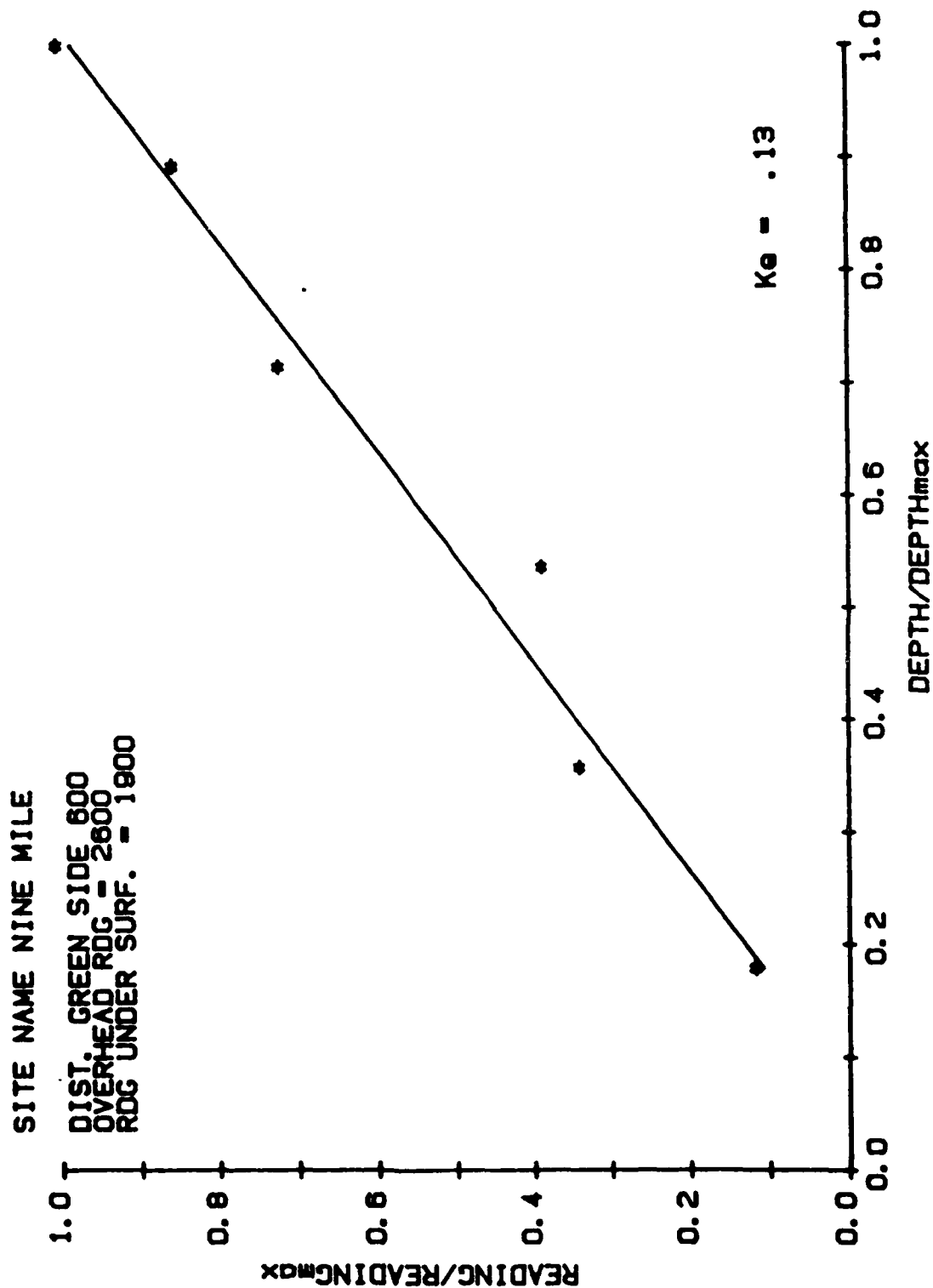
5.0	1050.00	
-----	---------	--

5.6	950.00	
-----	--------	--

3.20



# **\*\*LIGHT METER RESULTS\*\***



## LIGHT METER READINGS

SITE NAME	NINE MILE
READING LOCATION (dist. from green side ft)	2500

DATE 5/14/85  
TIME 12:10 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft)	23
------------------------------	----

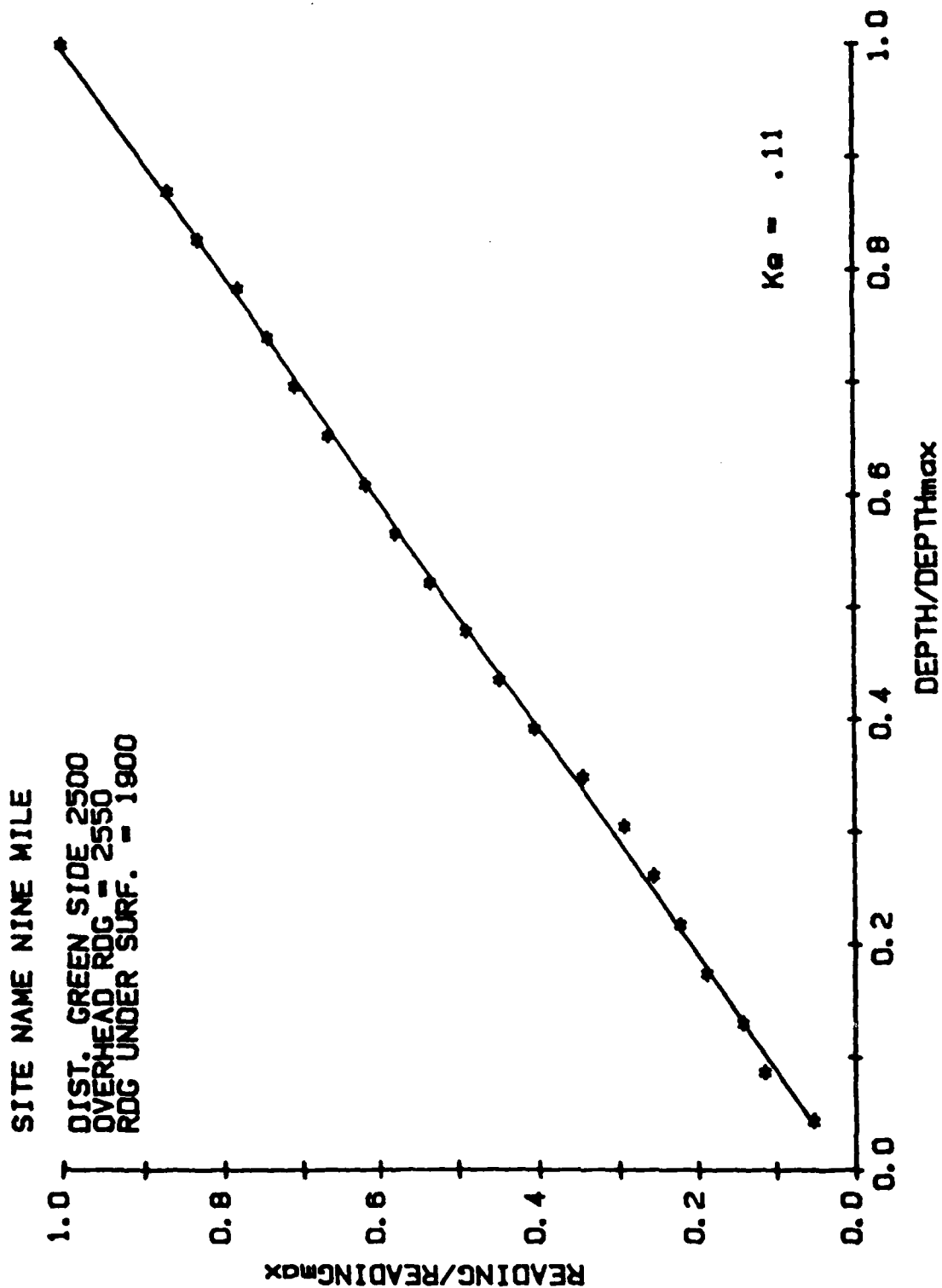
OVERHEAD LIGHT READING 2550

LIGHT READING JUST UNDER WATER SURFACE 1900

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
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47	100	100
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50	100	100
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53	100	100
54	100	100
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72	100	100
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84	100	100
85	100	100
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88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

0.0	1900.00	
1.0	1650.00	
2.0	1400.00	1.60
3.0	1300.00	
4.0	1150.00	
5.0	1050.00	
6.0	960.00	
7.0	870.00	
8.0	760.00	
9.0	650.00	
10.0	580.00	1.40
11.0	520.00	
12.0	460.00	
13.0	410.00	
14.0	370.00	
15.0	325.00	
16.0	290.00	
17.0	265.00	
18.0	240.00	
19.0	210.00	
20.0	190.00	
23.0	135.00	

# \*\*LIGHT METER RESULTS\*\*



## LIGHT METER READINGS

SITE NAME NINE MILE  
READING LOCATION (dist. from green side ft) 4700

DATE 5/14/85  
TIME 12:20 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 36.7

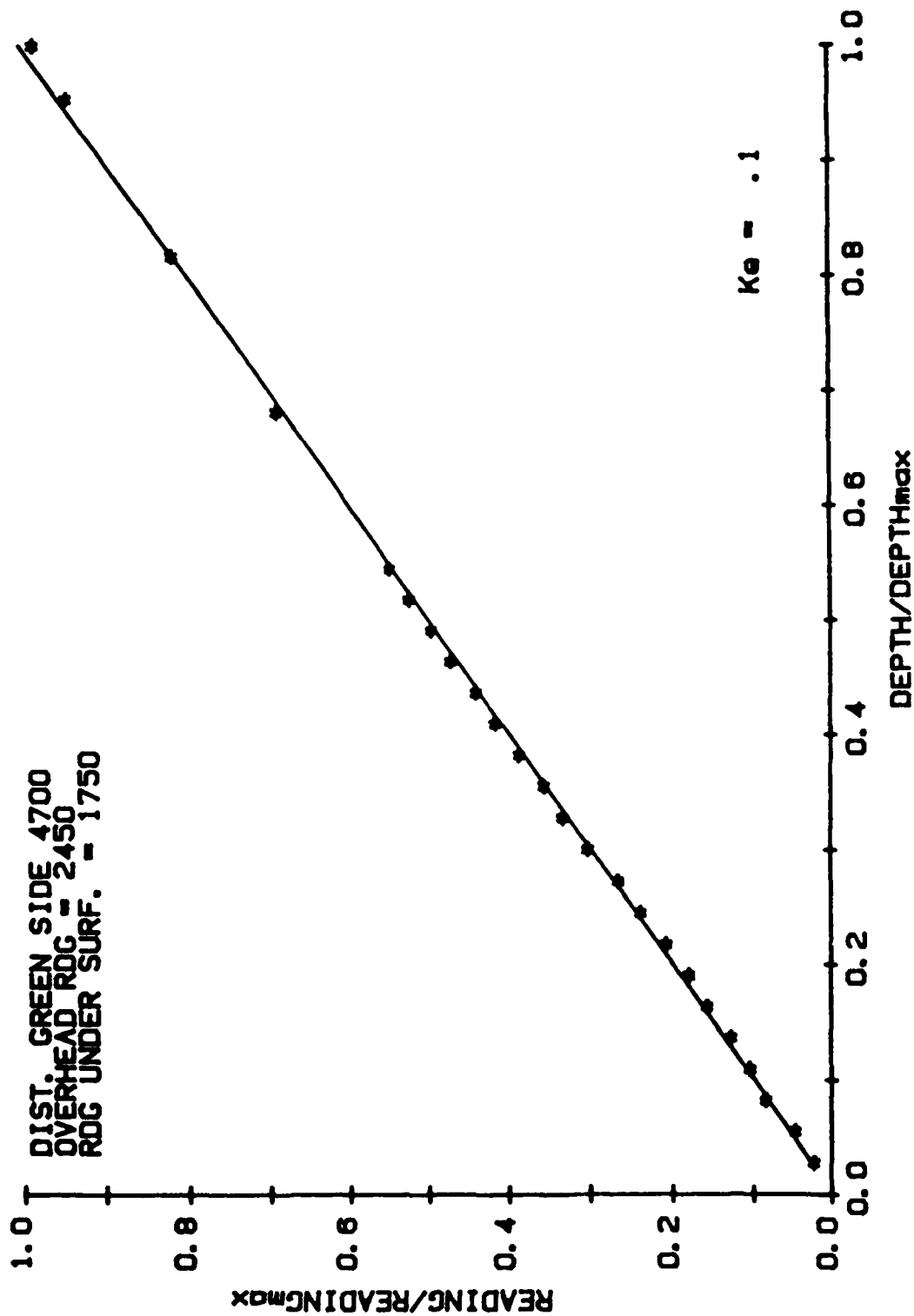
OVERHEAD LIGHT READING	2450	
LIGHT READING JUST UNDER WATER SURFACE		1750

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
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25	100	100
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93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

0.0	1750.00	
1.0	1600.00	
2.0	1450.00	
3.0	1250.00	
4.0	1150.00	
5.0	1050.00	1.40
6.0	930.00	
7.0	850.00	
8.0	760.00	
9.0	670.00	
10.0	600.00	
11.0	520.00	
12.0	460.00	
13.0	420.00	
14.0	370.00	
15.0	330.00	1.20
16.0	300.00	
17.0	265.00	
18.0	240.00	
19.0	215.00	
20.0	195.00	
25.0	110.00	1.25
30.0	66.00	
35.0	40.00	
36.7	34.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME NINE MILE  
DIST. GREEN SIDE 4700  
OVERHEAD RDG = 2450  
RDG UNDER SURF. = 1750



CC

LIGHT METER READINGS

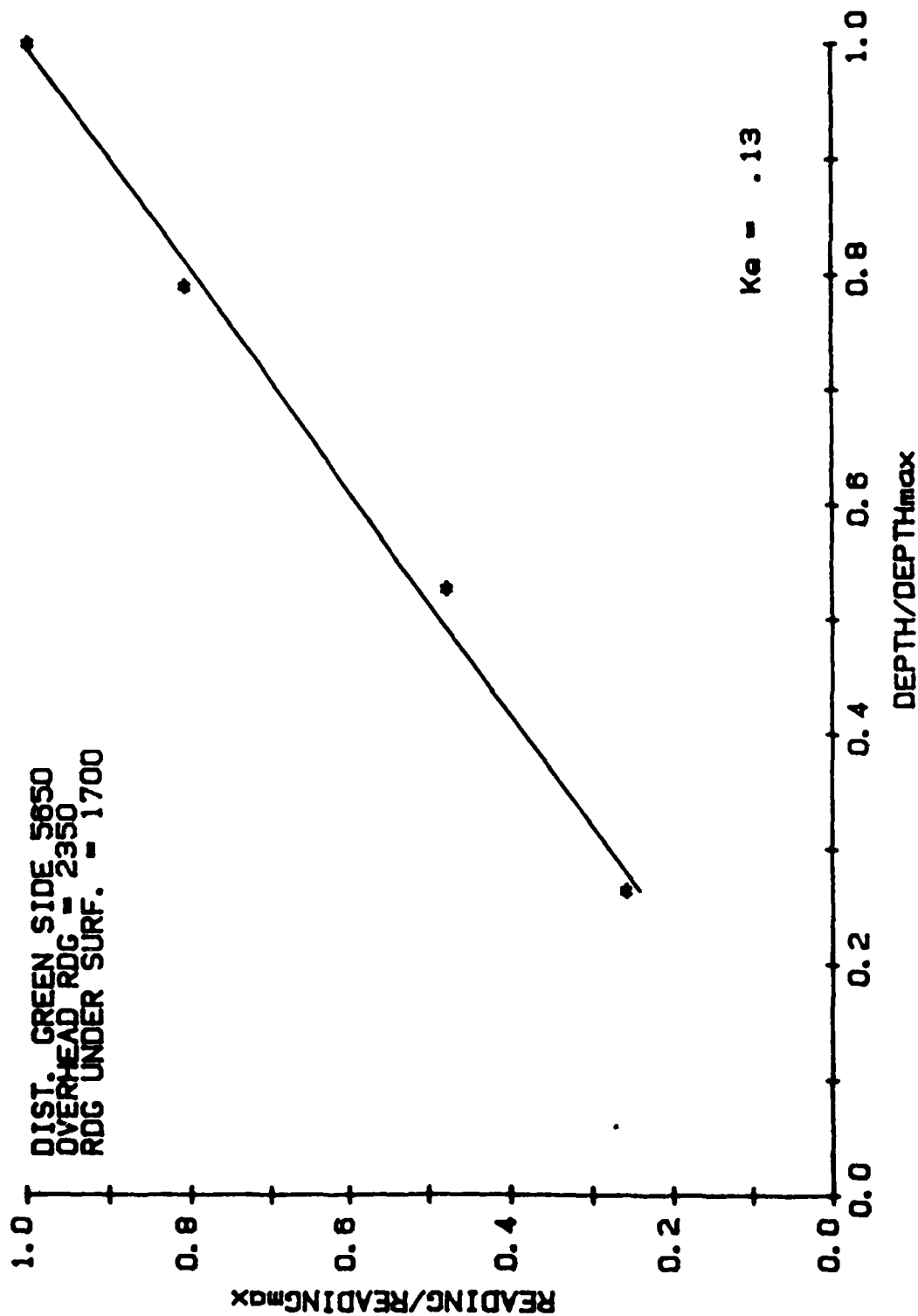
CC

SITE NAME NINE MILE  
READING LOCATION (diat. from green side ft) 5650  
  
DATE 5/14/85  
TIME 12:25 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 3.8  
  
OVERHEAD LIGHT READING 2350  
LIGHT READING JUST UNDER WATER SURFACE 1700

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1700.00	
1.0	1500.00	
2.0	1350.00	0.84
3.0	1150.00	
3.8	1050.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME NINE MILE  
 DIST. GREEN SIDE 5650  
 OVERHEAD RDG = 2350  
 RDG UNDER SURF. = 1700



\*\*\*\*\*

# TURBIDITY READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK

DATE 5/14/85

TOTAL DEPTH AT LOCATION	1	(ft)	6
TOTAL DEPTH AT LOCATION	2	(ft)	35.7
TOTAL DEPTH AT LOCATION	3	(ft)	27.2
TOTAL DEPTH AT LOCATION	4	(ft)	5
TOTAL DEPTH AT LOCATION	5	(ft)	4.9

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	215.0	2.0	1.80
LOCATION 2	500.0	5.0	1.40
		15.0	1.60
		25.0	1.40
LOCATION 3	1100.0	5.0	1.30
		15.0	1.30
		25.0	1.60
LOCATION 4	2100.0	2.0	4.00
LOCATION 5	2900.0	2.0	4.30



CC

# LIGHT METER READINGS

CC

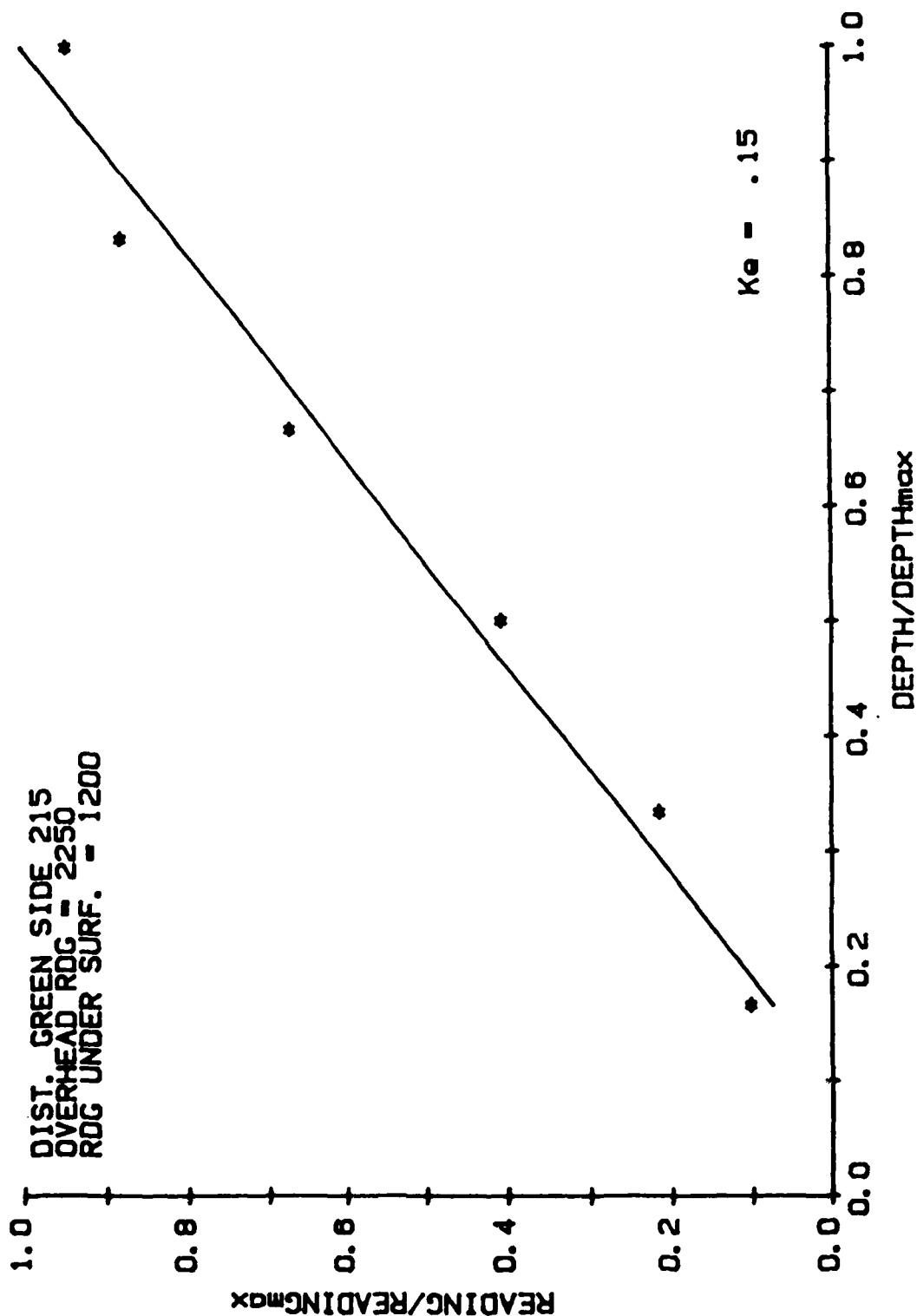
SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 215  
  
DATE 5/14/85  
TIME 9:15 AM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 6  
  
OVERHEAD LIGHT READING 2250  
LIGHT READING JUST UNDER WATER SURFACE 1200

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1200.00	
1.0	1100.00	
2.0	1000.00	1.80
3.0	850.00	
4.0	680.00	
5.0	570.00	
6.0	540.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 215  
OVERHEAD RDG = 2250  
RDG UNDER SURF. = 1200



CC

# LIGHT METER READINGS

CC

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 500

DATE 5/14/85  
TIME 9:25 AM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 35.7

OVERHEAD LIGHT READING 2300  
LIGHT READING JUST UNDER WATER SURFACE 1350

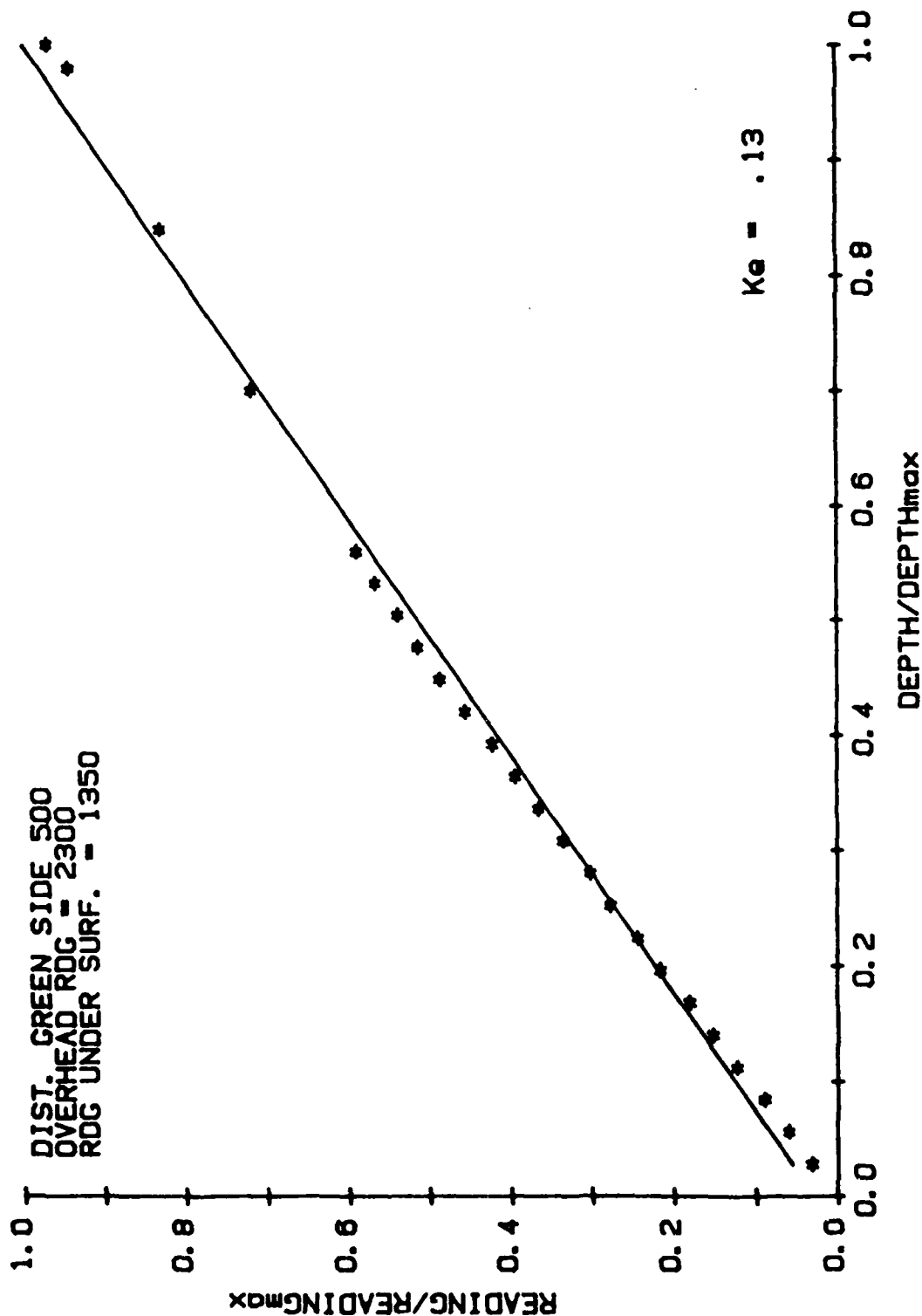
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1350.00	
1.0	1150.00	
2.0	1000.00	
3.0	860.00	
4.0	730.00	
5.0	630.00	1.40
6.0	550.00	
7.0	460.00	
8.0	400.00	
9.0	340.00	
10.0	300.00	
11.0	255.00	
12.0	220.00	
13.0	190.00	
14.0	165.00	
15.0	140.00	1.60
16.0	120.00	
17.0	105.00	
18.0	93.00	
19.0	81.00	
20.0	72.00	
25.0	38.00	1.40
30.0	22.00	
35.0	12.50	
35.7	11.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 500  
OVERHEAD RDG = 2300  
RDG UNDER SURF. = 1350



\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 1100

DATE 5/14/85  
TIME 9:00 AM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 27.2

OVERHEAD LIGHT READING 2350  
LIGHT READING JUST UNDER WATER SURFACE 1300

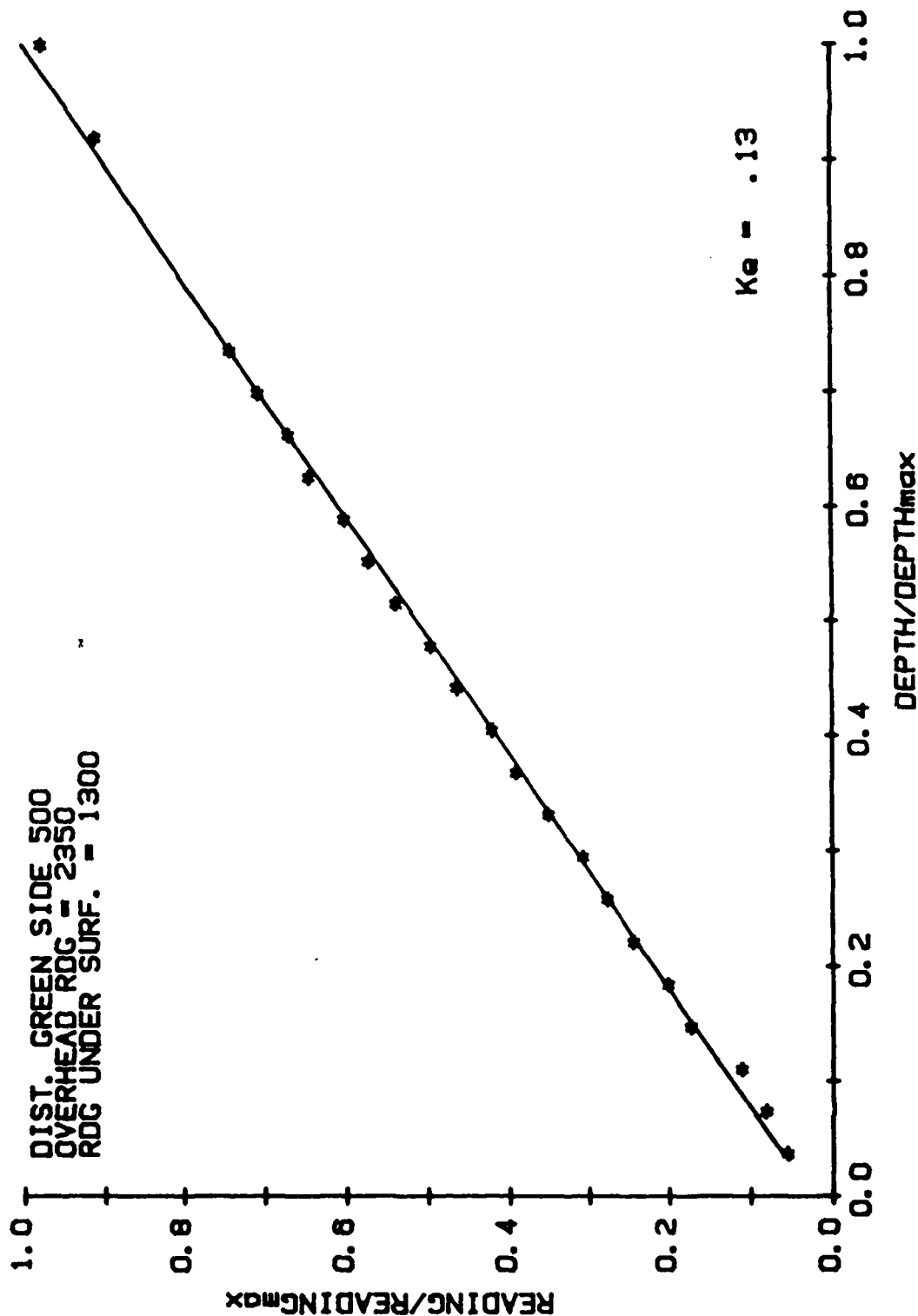
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1300.00	
1.0	1050.00	
2.0	950.00	
3.0	850.00	
4.0	670.00	
5.0	600.00	1.30
6.0	510.00	
7.0	450.00	
8.0	400.00	
9.0	340.00	
10.0	290.00	
11.0	260.00	
12.0	220.00	
13.0	195.00	
14.0	165.00	
15.0	145.00	1.30
16.0	130.00	
17.0	110.00	
18.0	100.00	
19.0	87.00	
20.0	76.00	
25.0	40.00	1.60
27.2	31.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 500  
OVERHEAD RDG = 2350  
RDG UNDER SURF. = 1300



CC

# LIGHT METER READINGS

CC

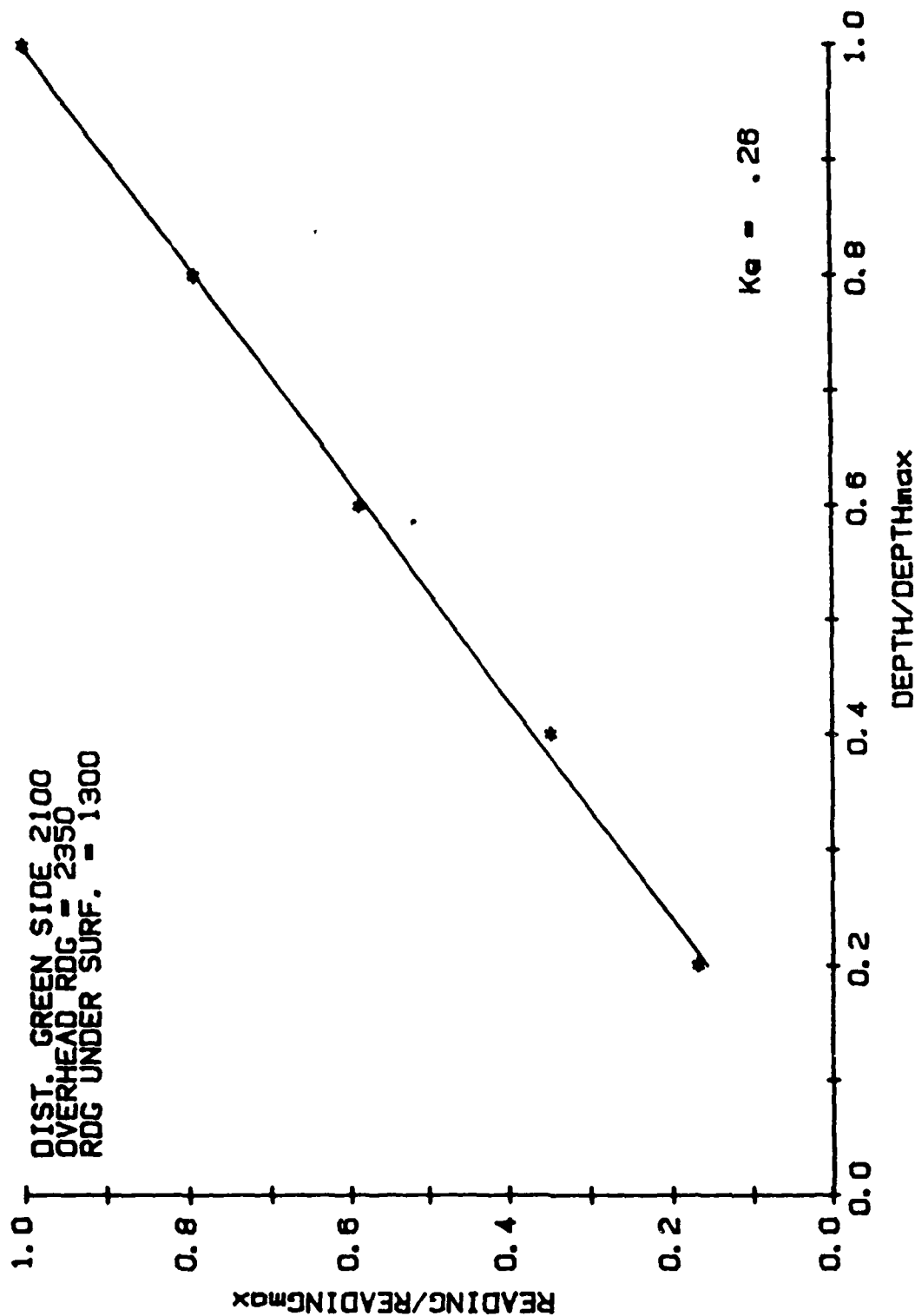
SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 2100  
  
DATE 5/14/85  
TIME 8:50 AM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 5  
  
OVERHEAD LIGHT READING 2350  
LIGHT READING JUST UNDER WATER SURFACE 1300

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1300.00	
1.0	1050.00	
2.0	840.00	4.00
3.0	620.00	
4.0	480.00	
5.0	370.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2100  
OVERHEAD RDG = 2350  
RDG UNDER SURF. = 1300





CC

# LIGHT METER READINGS

CC

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 2900

DATE 5/14/85

TIME 8:45 AM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 4.9

OVERHEAD LIGHT READING 2100

LIGHT READING JUST UNDER WATER SURFACE 1100

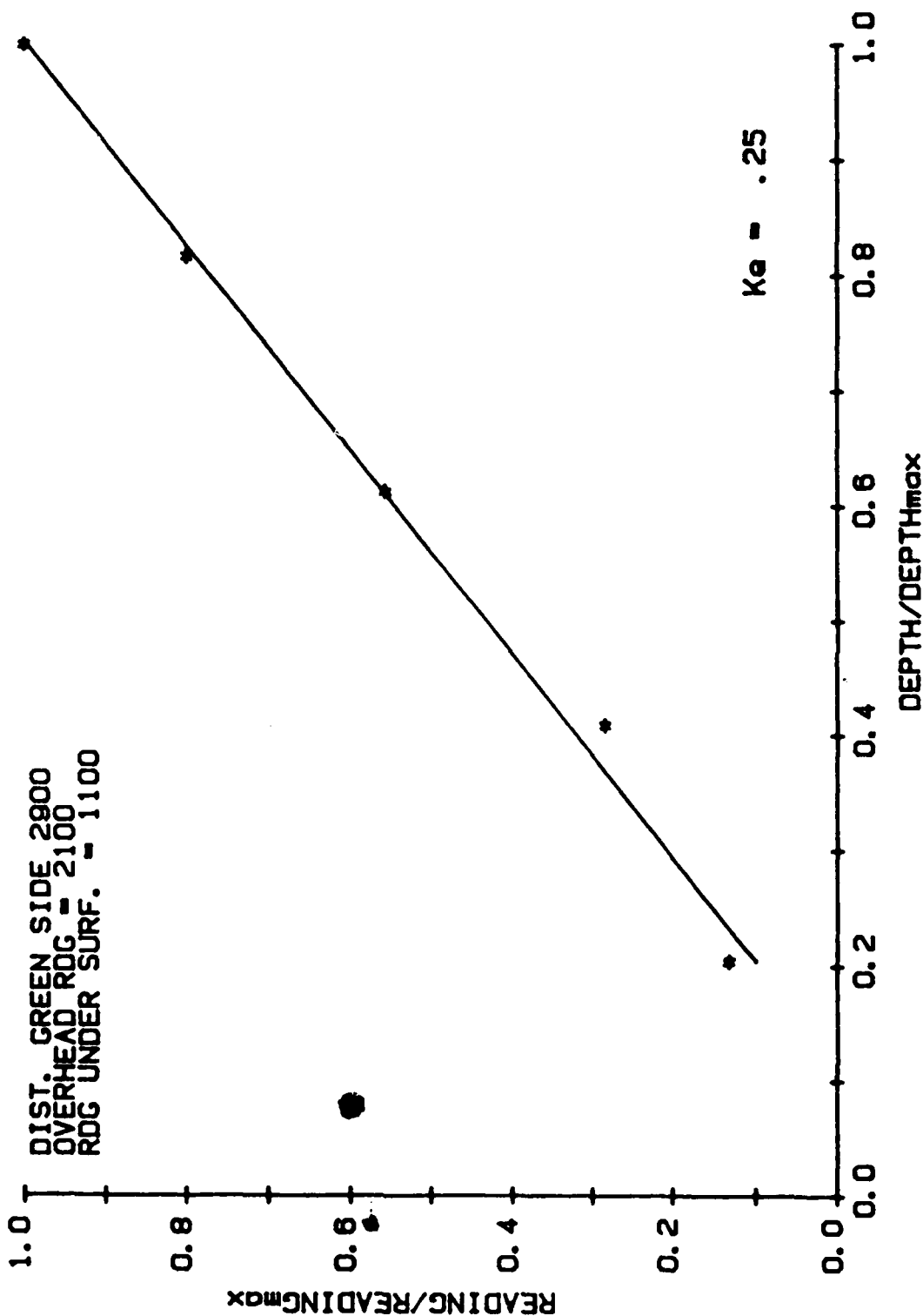
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1100.00	
1.0	950.00	
2.0	800.00	4.30
3.0	590.00	
4.0	450.00	
4.9	360.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2800  
OVERHEAD RDG = 2100  
RDG UNDER SURF. = 1100



CC

# TURBIDITY READINGS

CC

SITE NAME WEST CELL DOCK

DATE 5/14/85

TOTAL DEPTH AT LOCATION 1 (ft) 28.8  
TOTAL DEPTH AT LOCATION 2 (ft) 29  
TOTAL DEPTH AT LOCATION 3 (ft) 7.8

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1290.0	2.0	1.30
LOCATION 2	695.0	5.0	1.40
		15.0	1.30
		25.0	1.20
LOCATION 3	200.0	2.0	2.50

CC

LIGHT METER READINGS

CC

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 1290

DATE 5/14/85

TIME 9:35 AM

SKY WAS CLOUDY

TOTAL DEPTH AT LOCATION (ft) 28.8

OVERHEAD LIGHT READING 2250

LIGHT READING JUST UNDER WATER SURFACE 1200

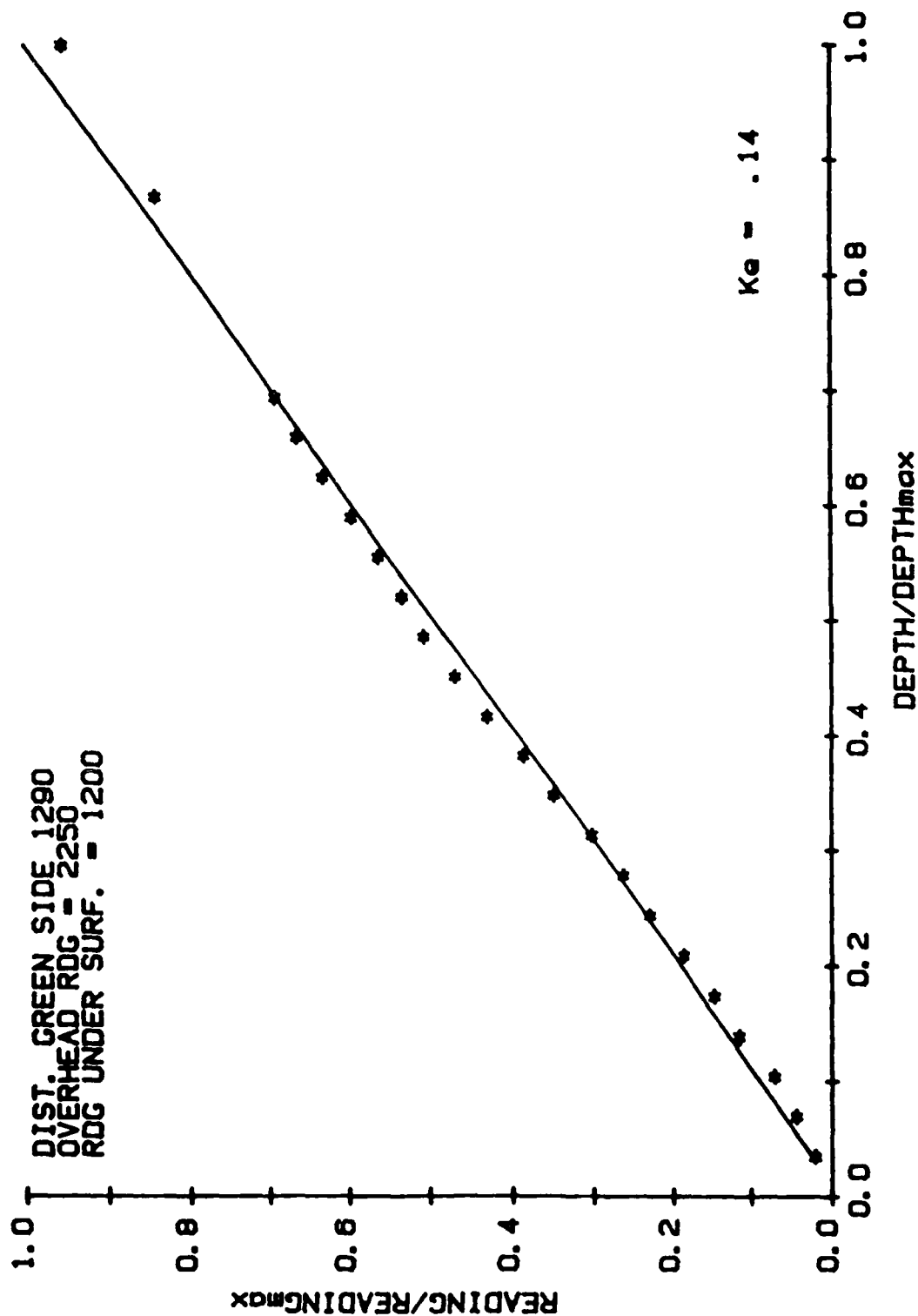
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1200.00	
1.0	1100.00	
2.0	1000.00	1.30
3.0	890.00	
4.0	740.00	
5.0	650.00	
6.0	550.00	
7.0	460.00	
8.0	400.00	
9.0	340.00	
10.0	280.00	
11.0	240.00	
12.0	200.00	
13.0	170.00	
14.0	145.00	
15.0	130.00	
16.0	115.00	
17.0	100.00	
18.0	86.00	
19.0	75.00	
20.0	67.00	
25.0	36.00	
28.8	22.50	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 1290  
OVERHEAD RDG = 2250  
RDG UNDER SURF. = 1200



CC

LIGHT METER READINGS

CC

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 695  
  
DATE 5/14/85  
TIME 9:40 AM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 29  
  
OVERHEAD LIGHT READING 2250  
LIGHT READING JUST UNDER WATER SURFACE 1500

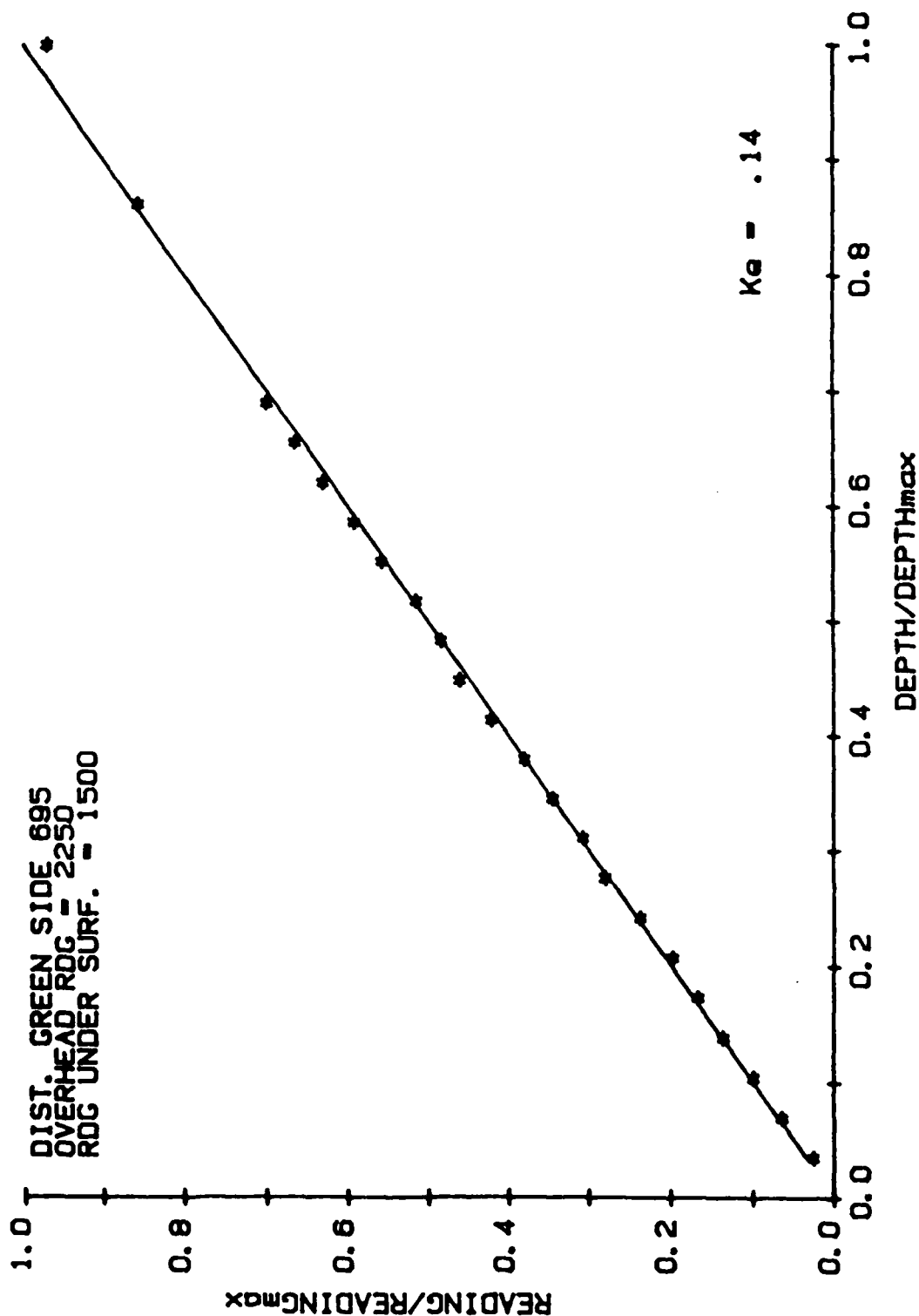
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1500.00	
1.0	1350.00	
2.0	1150.00	
3.0	1000.00	
4.0	860.00	
5.0	760.00	1.40
6.0	670.00	
7.0	570.00	
8.0	480.00	
9.0	430.00	
10.0	370.00	
11.0	320.00	
12.0	270.00	
13.0	230.00	
14.0	210.00	
15.0	185.00	1.30
16.0	155.00	
17.0	135.00	
18.0	115.00	
19.0	100.00	
20.0	87.00	
25.0	46.00	1.20
29.0	29.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 695  
OVERHEAD ROD = 2250  
ROD UNDER SURF. = 1500



CC

LIGHT METER READINGS

CC

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 200

DATE 5/14/85  
TIME 9:45 AM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 7.8

OVERHEAD LIGHT READING 2300  
LIGHT READING JUST UNDER WATER SURFACE 1450

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

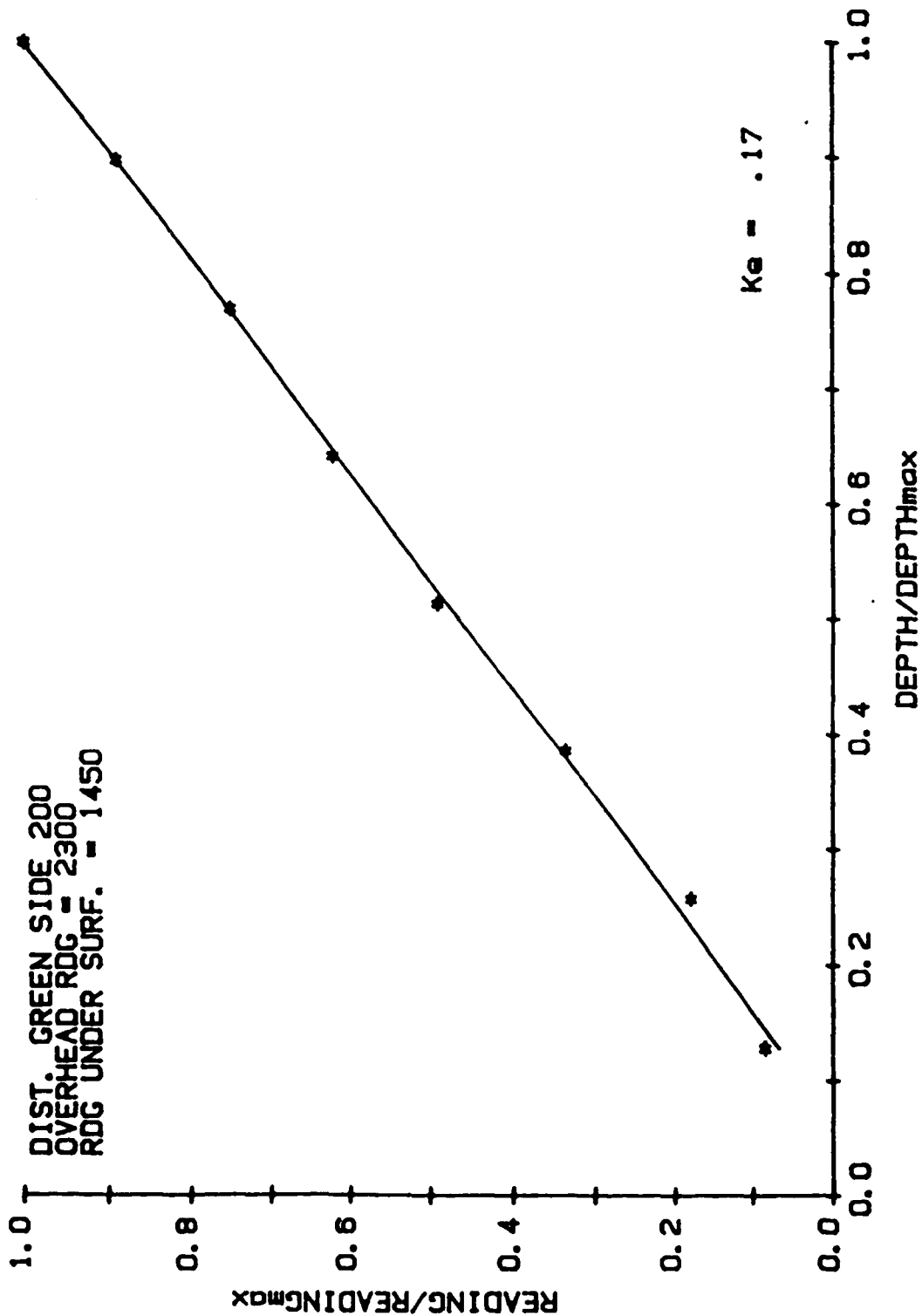
0.0	1450.00	
1.0	1300.00	
2.0	1150.00	2.50
3.0	940.00	
4.0	770.00	
5.0	650.00	
6.0	550.00	
7.0	460.00	
7.8	400.00	



# \*\*LIGHT METER RESULTS\*\*

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 200  
OVERHEAD ROD = 2300  
ROD UNDER SURF. = 1450



CC

TURBIDITY READINGS

CC

SITE NAME MOON ISLAND

DATE 5/11/85

TOTAL DEPTH AT LOCATION	1	(ft)	6
TOTAL DEPTH AT LOCATION	2	(ft)	6
TOTAL DEPTH AT LOCATION	3	(ft)	34
TOTAL DEPTH AT LOCATION	4	(ft)	6
TOTAL DEPTH AT LOCATION	5	(ft)	5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	215.0		
		2.0	8.50
LOCATION 2	225.0		
		2.0	1.80
LOCATION 3	900.0		
		5.0	1.70
		15.0	1.90
		25.0	1.90
LOCATION 4	1175.0		
		2.0	7.00
LOCATION 5	1475.0		
		2.0	6.30

oo

LIGHT METER READINGS

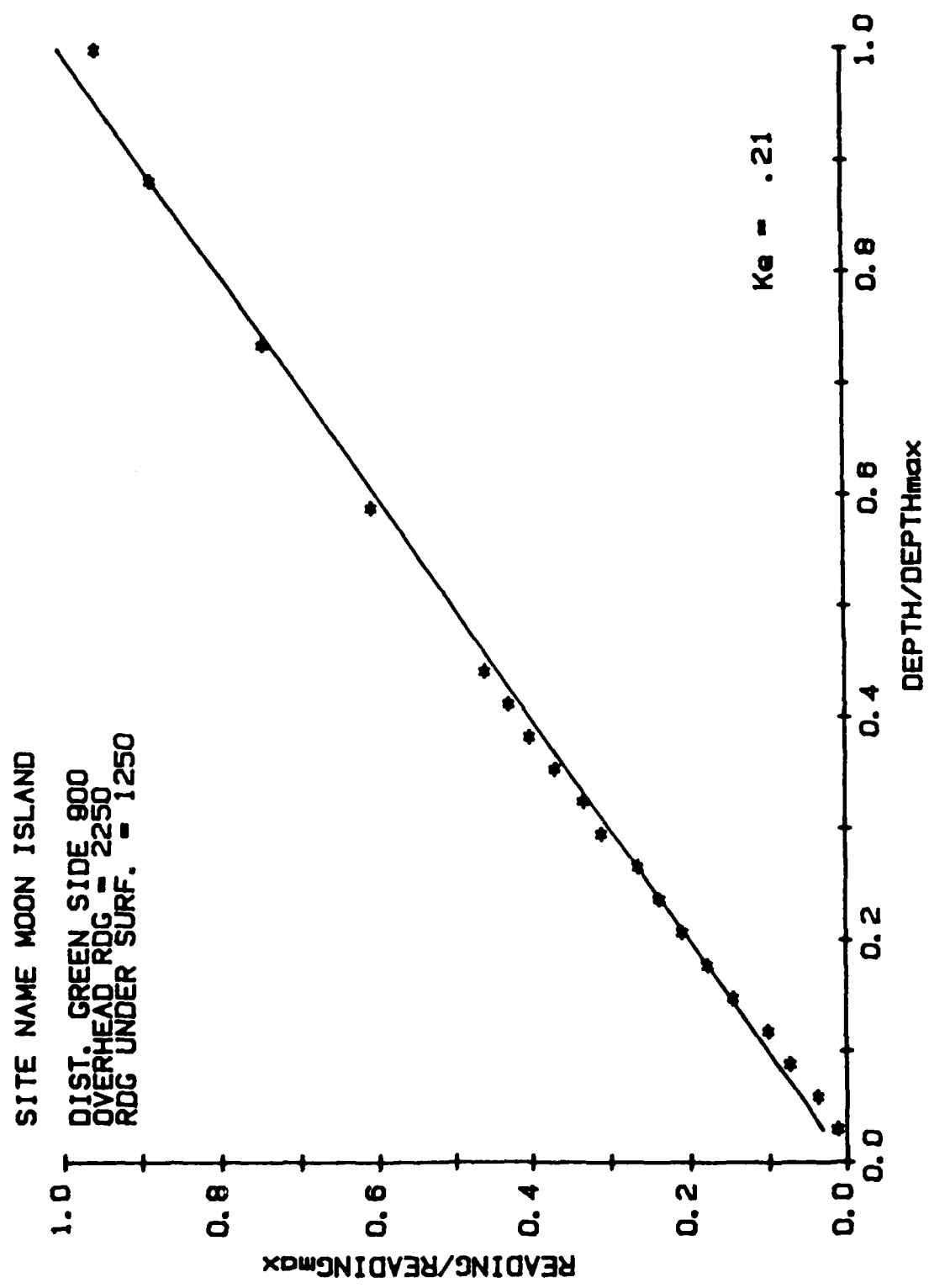
oo

SITE NAME MOON ISLAND  
READING LOCATION (dist. from green side ft) 900  
  
DATE 5/11/85  
TIME 9:28 AM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 34  
  
OVERHEAD LIGHT READING 2250  
LIGHT READING JUST UNDER WATER SURFACE 1250

DEPTH OF LIGHT METER TURBIDITY  
\*\*\* READING(ft) \*\*\* \*\*\* READING \*\*\* \*\*\* (JTU) \*\*\*

0.0	1250.00	
1.0	1150.00	
2.0	950.00	
3.0	730.00	
4.0	600.00	
5.0	430.00	1.70
6.0	340.00	
7.0	270.00	
8.0	220.00	
9.0	180.00	
10.0	130.00	
11.0	110.00	
12.0	85.00	
13.0	67.00	
14.0	55.00	
15.0	44.00	1.90
20.0	15.00	
25.0	5.50	1.90
30.0	2.00	
34.0	1.20	

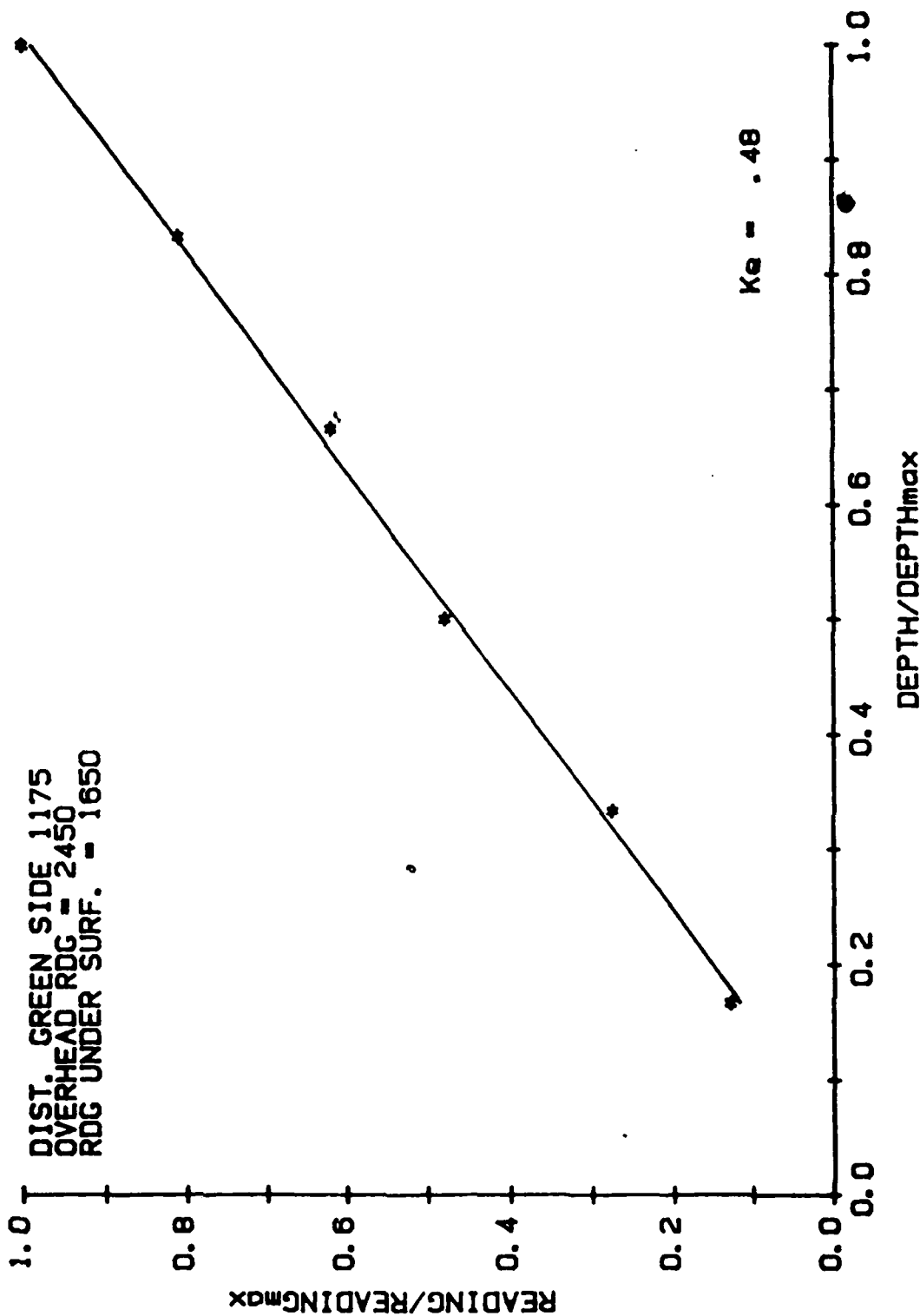
# **\*\*LIGHT METER RESULTS\*\***





# \*\*LIGHT METER RESULTS\*\*

SITE NAME MOON ISLAND  
DIST. GREEN SIDE 1175  
OVERHEAD RDG = 2450  
RDG UNDER SURF. = 1650



CC

# TURBIDITY READINGS

CC

SITE NAME LAKE MUNUSCONG

DATE 5/11/85

TOTAL DEPTH AT LOCATION 1 (ft) 6  
TOTAL DEPTH AT LOCATION 2 (ft) 9  
TOTAL DEPTH AT LOCATION 3 (ft) 10.7

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	500.0	2.0	3.30
LOCATION 2	1000.0	2.0	2.70
LOCATION 3	1500.0	2.0	2.50

CC

# LIGHT METER READINGS

CC

SITE NAME LAKE MUNUSCONG  
READING LOCATION (dist. from green side ft) 1500

DATE 5/11/85  
TIME 9:45 AM  
SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 10.7

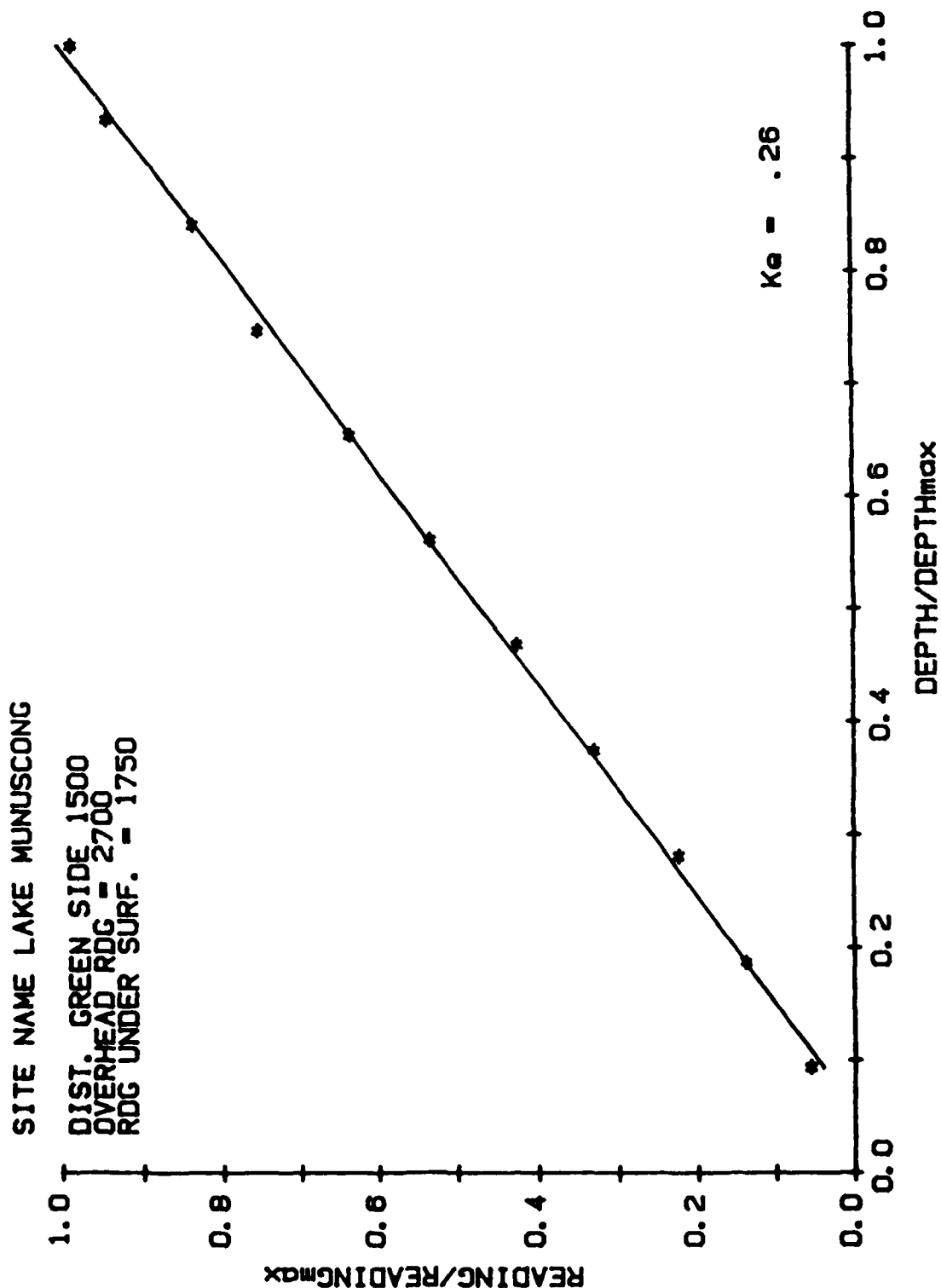
OVERHEAD LIGHT READING 2700  
LIGHT READING JUST UNDER WATER SURFACE 1750

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1750.00	
1.0	1500.00	
2.0	1200.00	2.50
3.0	950.00	
4.0	710.00	
5.0	550.00	
6.0	410.00	
7.0	310.00	
8.0	225.00	
9.0	180.00	
10.0	135.00	
10.7	120.00	



# \*\*LIGHT METER RESULTS\*\*



CC

# TURBIDITY READINGS

CC

SITE NAME LAKE NICOLET

DATE 5/10/85

TOTAL DEPTH AT LOCATION	1	(ft)	12.3
TOTAL DEPTH AT LOCATION	2	(ft)	7.3
TOTAL DEPTH AT LOCATION	3	(ft)	8
TOTAL DEPTH AT LOCATION	4	(ft)	6

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0	2.0 10.0	1.80 1.80
LOCATION 2	2.0	2.0	1.80
LOCATION 3	3.0	2.0	1.70
LOCATION 4	4.0	2.0	1.60

### LIGHT METER READINGS

SITE NAME	LAKE NICOLET	
READING LOCATION (dist. from green side ft)		SITE A
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
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85		
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93		
94		
95		
96		
97		
98		
99		
100		

DATE 5/10/85  
TIME 12:30 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 12.3

OVERHEAD LIGHT READING	2700	
LIGHT READING JUST UNDER WATER SURFACE		1950

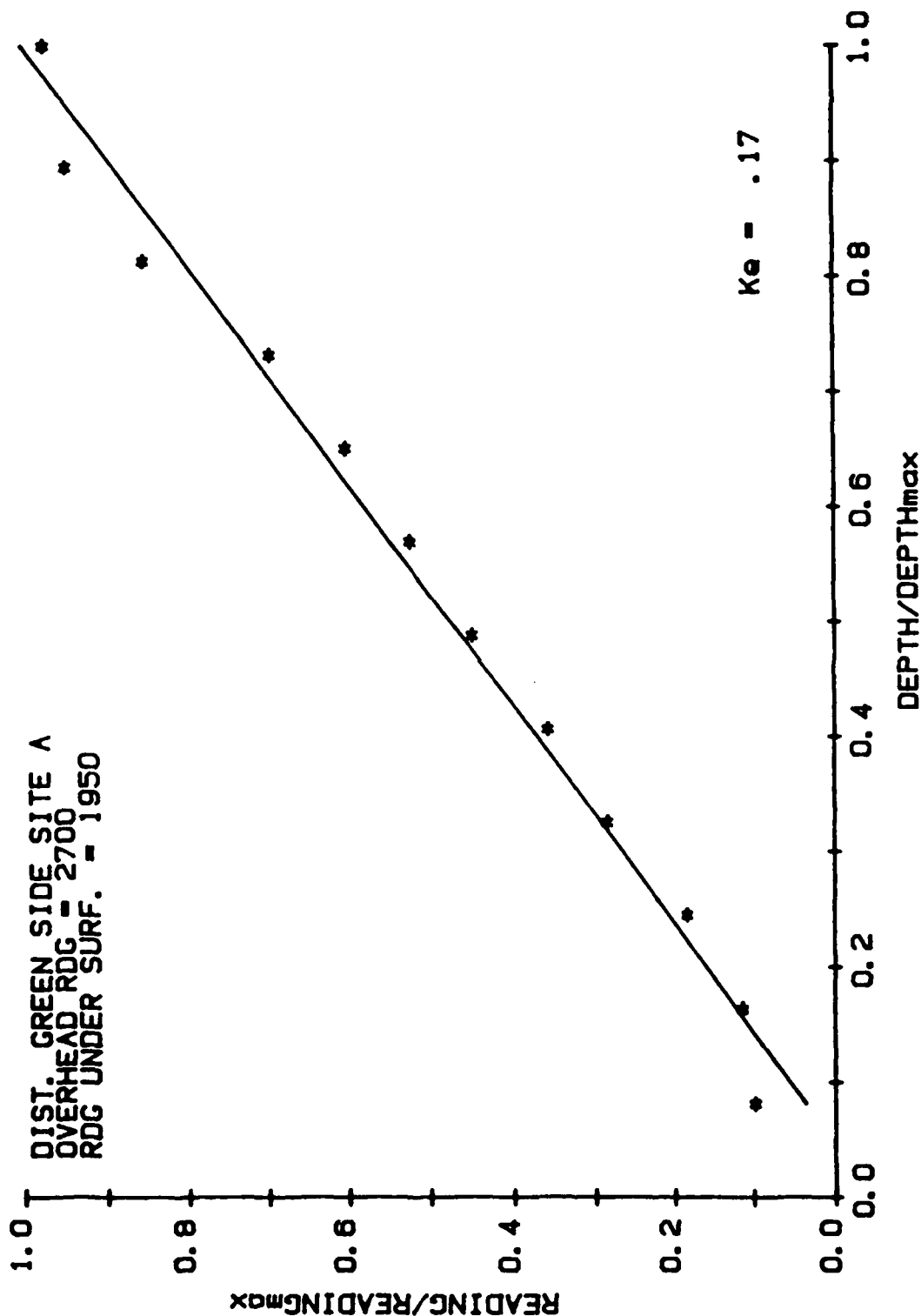
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

0.0	1950.00	
1.0	1600.00	
2.0	1550.00	1.80
3.0	1350.00	
4.0	1100.00	
5.0	950.00	
6.0	790.00	
7.0	680.00	
8.0	580.00	
9.0	480.00	
10.0	350.00	1.80
11.0	290.00	
12.3	275.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE A  
OVERHEAD RDG = 2700  
RDG UNDER SURF. = 1950



CC

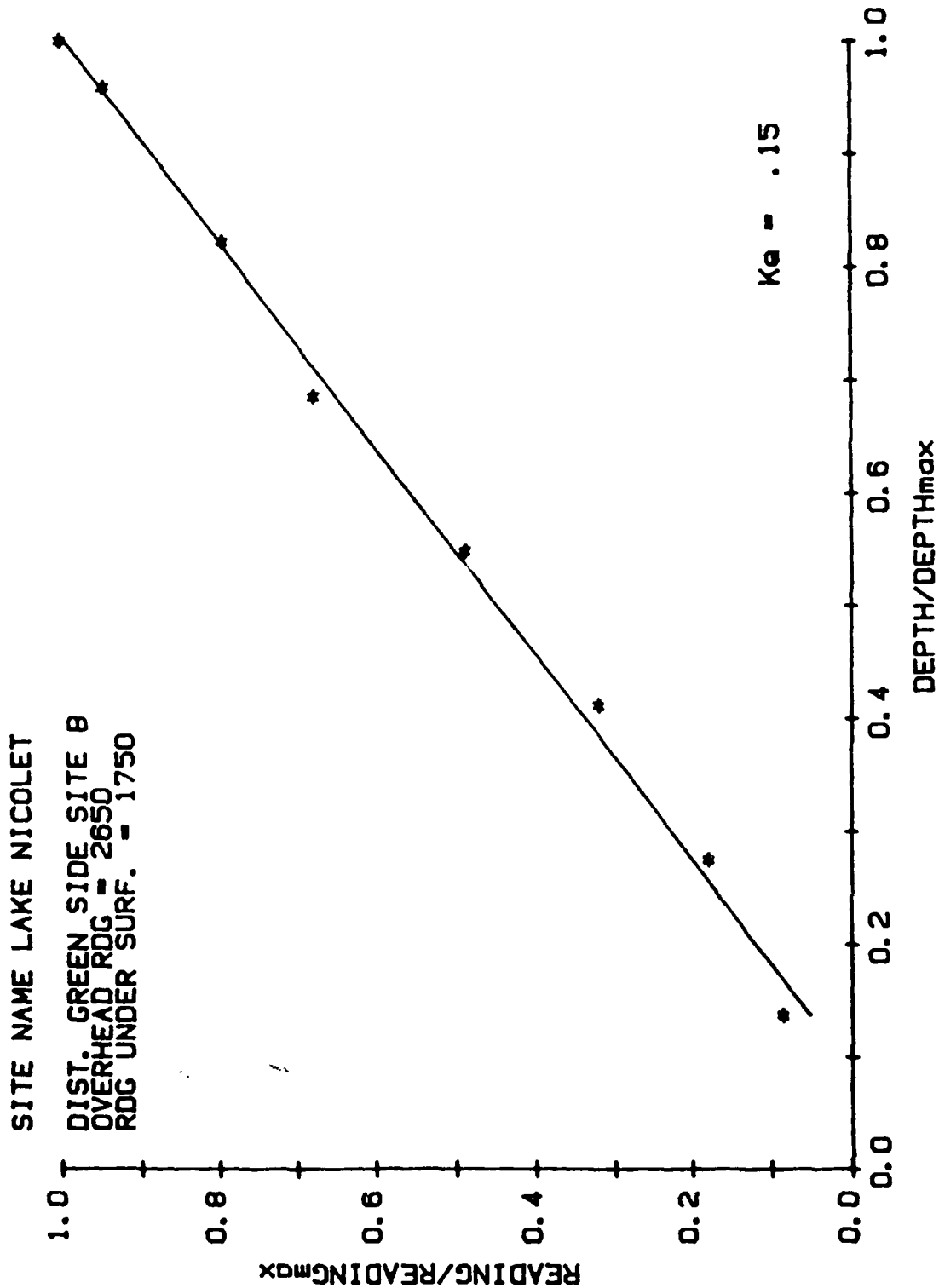
LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE B  
  
DATE 5/10/85  
TIME 12:40 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 7.3  
  
OVERHEAD LIGHT READING 2650  
LIGHT READING JUST UNDER WATER SURFACE 1750

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
0.0	1750.00	
1.0	1600.00	
2.0	1450.00	1.80
3.0	1250.00	
4.0	1050.00	
5.0	860.00	
6.0	760.00	
7.0	650.00	
7.3	615.00	

# \*\*LIGHT METER RESULTS\*\*



CC

LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE C

DATE 5/10/85  
TIME 12:45 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 8

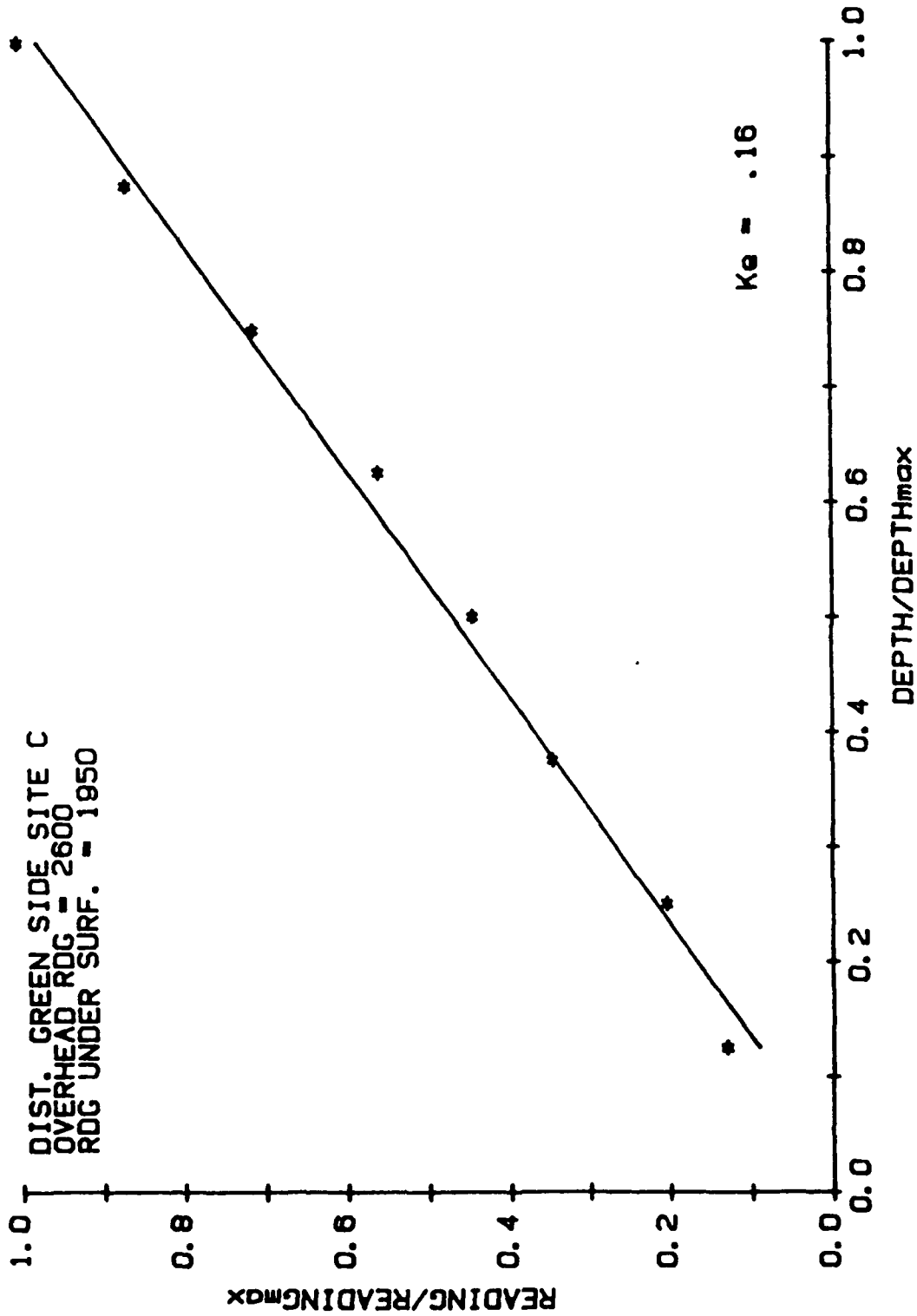
OVERHEAD LIGHT READING 2600  
LIGHT READING JUST UNDER WATER SURFACE 1950

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1950.00	
1.0	1650.00	
2.0	1500.00	1.70
3.0	1250.00	
4.0	1100.00	
5.0	950.00	
6.0	780.00	
7.0	640.00	
8.0	540.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET  
DIST. GREEN SIDE SITE C  
OVERHEAD RDG = 2600  
RDG UNDER SURF. = 1950





CC

# LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE D

DATE 5/10/85  
TIME 12:48 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 6

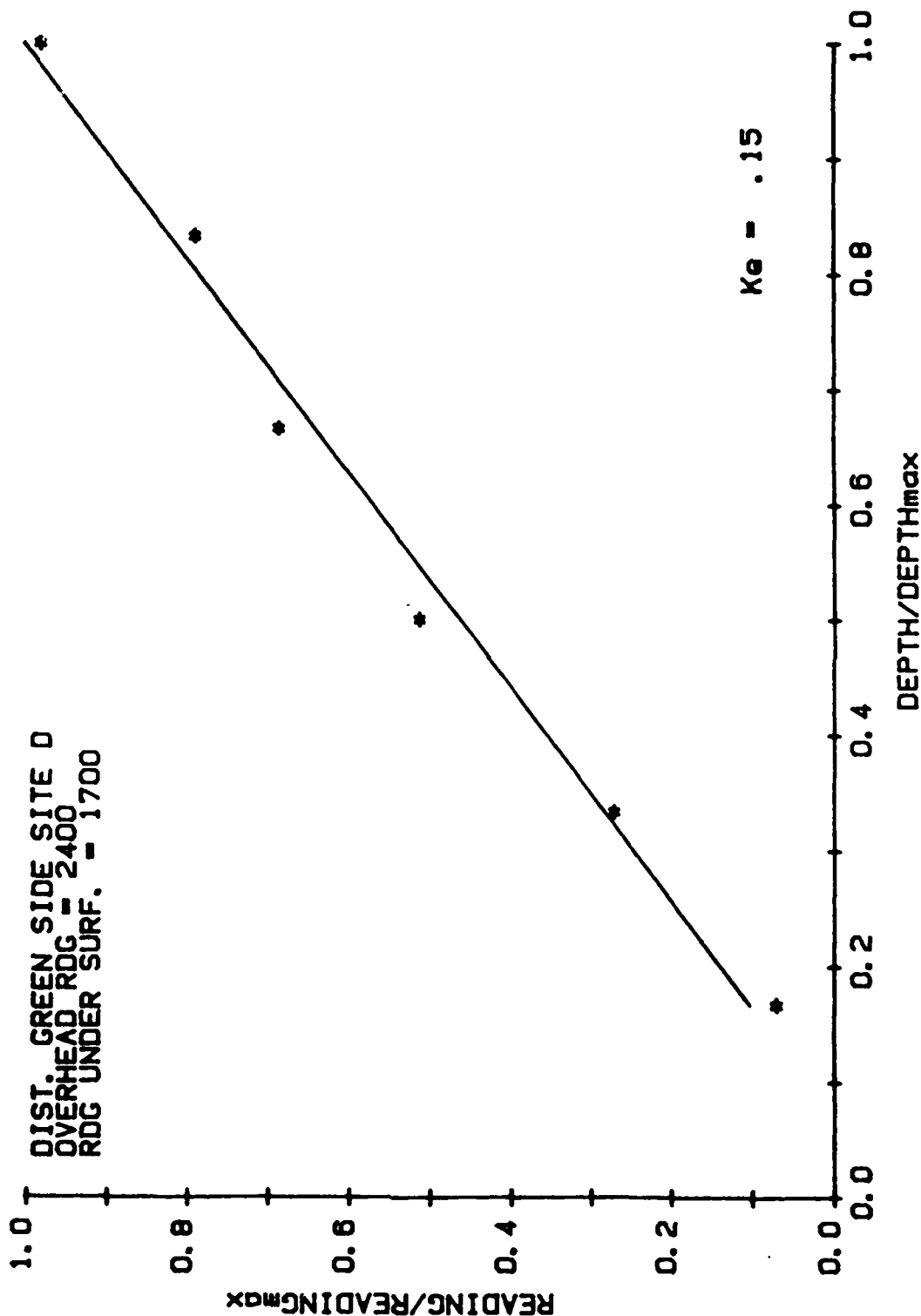
OVERHEAD LIGHT READING 2400  
LIGHT READING JUST UNDER WATER SURFACE 1700

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1700.00	
1.0	1600.00	
2.0	1350.00	1.60
3.0	1100.00	
4.0	950.00	
5.0	870.00	
6.0	740.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE D  
OVERHEAD RDG = 2400  
RDG UNDER SURF. = 1700



CC

# TURBIDITY READINGS

CC

SITE NAME CHARLOTTE RIVER

DATE 5/10/85

TOTAL DEPTH AT LOCATION 1 (ft) 7  
TOTAL DEPTH AT LOCATION 2 (ft) 14  
TOTAL DEPTH AT LOCATION 3 (ft) 4

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0	2.0	5.70
		5.0	6.00
LOCATION 2	2.0	2.0	39.00
		5.0	38.00
LOCATION 3	3.0	2.0	3.50

CC

LIGHT METER READINGS

CC

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft)  
500' OFFSHORE 1000'DOWNRIVER OF MOUTH

DATE 5/10/85  
TIME 12:05 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 7

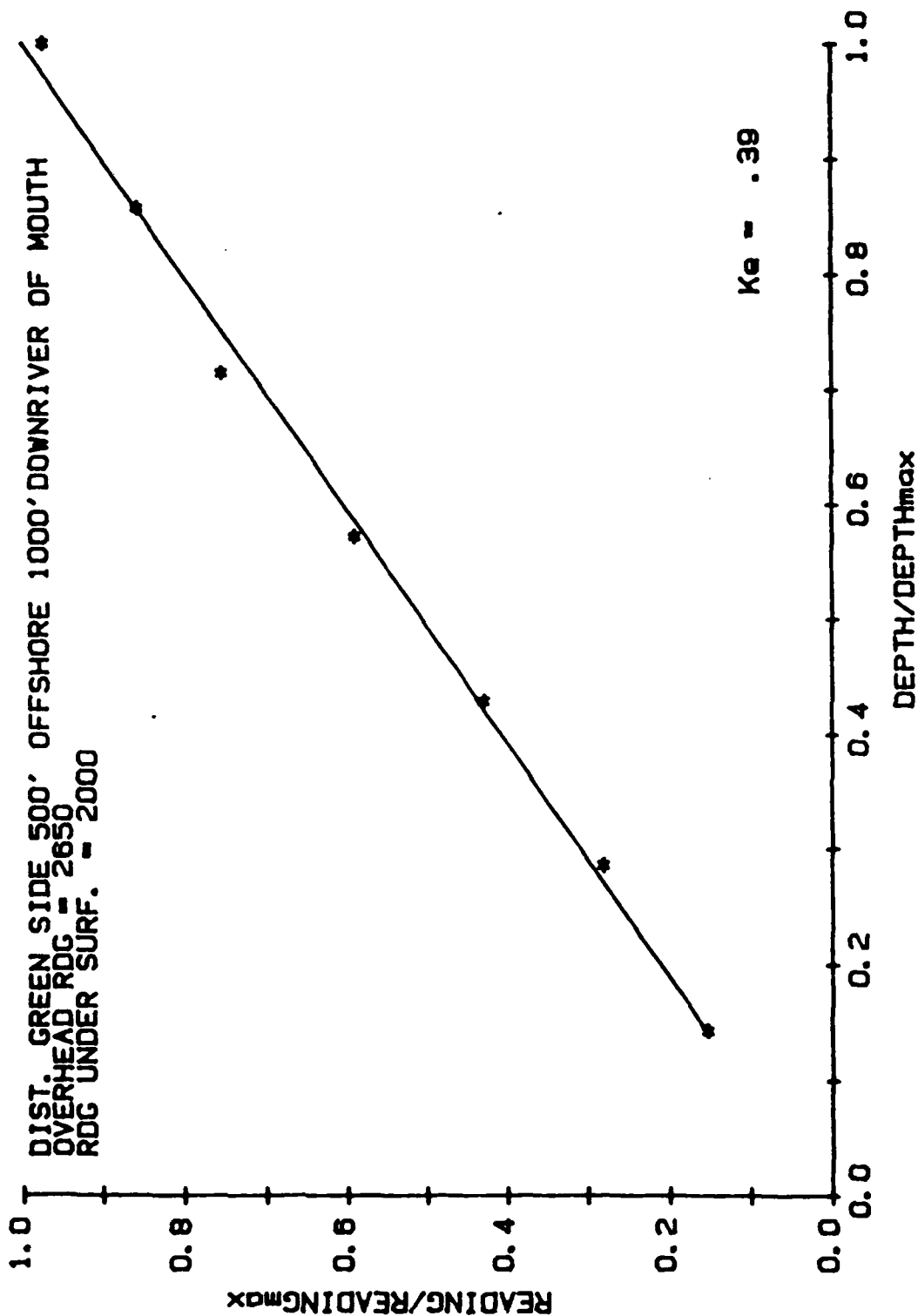
OVERHEAD LIGHT READING 2650  
LIGHT READING JUST UNDER WATER SURFACE 2000

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	2000.00	
1.0	1300.00	
2.0	910.00	5.70
3.0	600.00	
4.0	380.00	
5.0	240.00	6.00
6.0	180.00	
7.0	130.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 500' OFFSHORE 1000' DOWN RIVER OF MOUTH  
OVERHEAD RDG = 2650  
RDG UNDER SURF. = 2000



CC

# LIGHT METER READINGS

CC

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft) 200' DOWN fr BRIDGE

DATE 5/10/85  
TIME 12:15 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 14

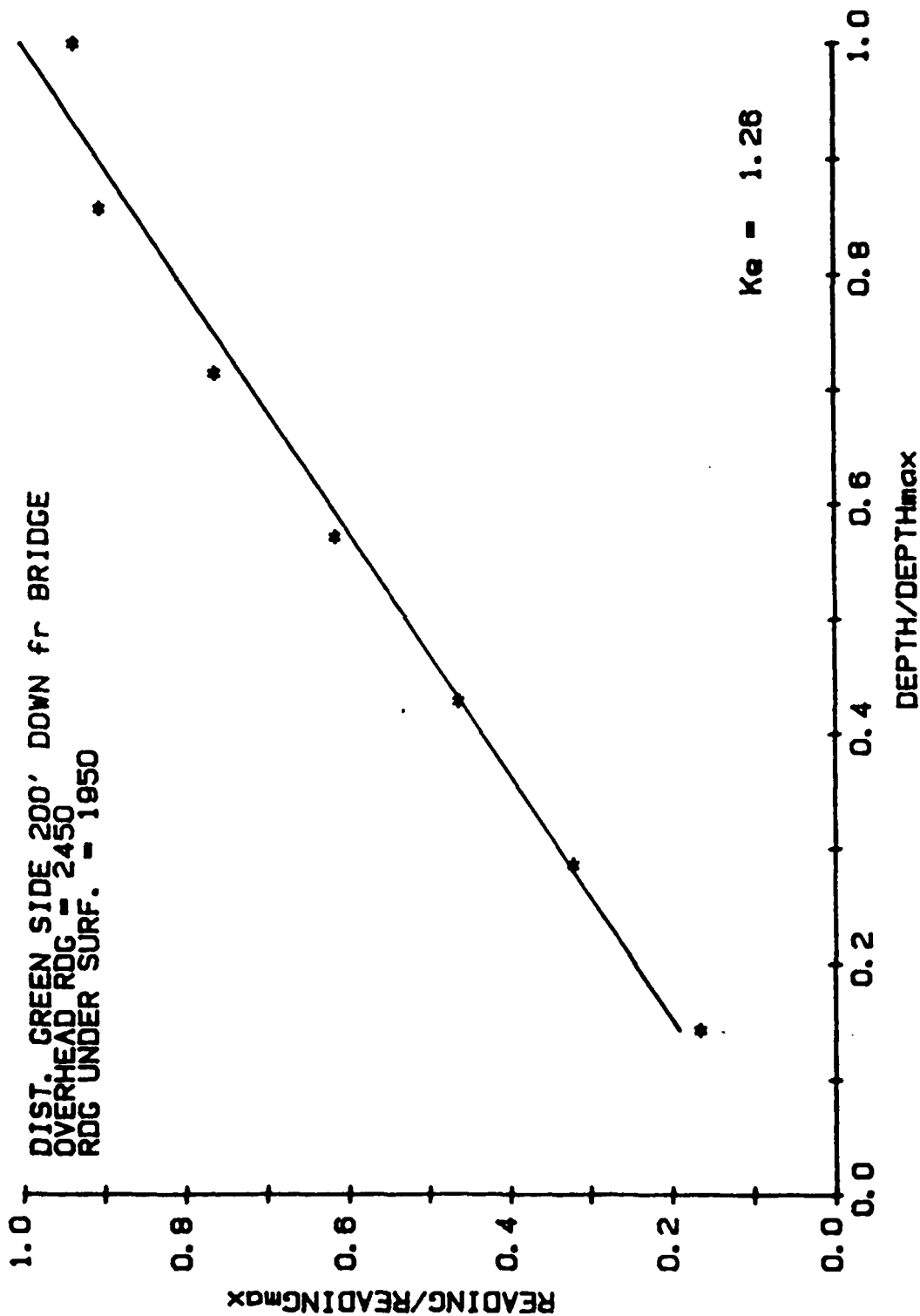
OVERHEAD LIGHT READING 2450  
LIGHT READING JUST UNDER WATER SURFACE 1950

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1950.00	
1.0	410.00	
2.0	95.00	39.00
3.0	25.00	
4.0	6.00	
5.0	1.50	38.00
6.0	0.40	
7.0	0.30	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 200' DOWN fr BRIDGE  
OVERHEAD RDG = 2450  
RDG UNDER SURF. = 1950



CC

# LIGHT METER READINGS

CC

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft)  
200' OFFSHORE 300' UPRIVER OF MOUTH

DATE 5/10/85  
TIME 12:30 PM  
SKY WAS CLOUDY  
TOTAL DEPTH AT LOCATION (ft) 4'

OVERHEAD LIGHT READING 2550  
LIGHT READING JUST UNDER WATER SURFACE 1900

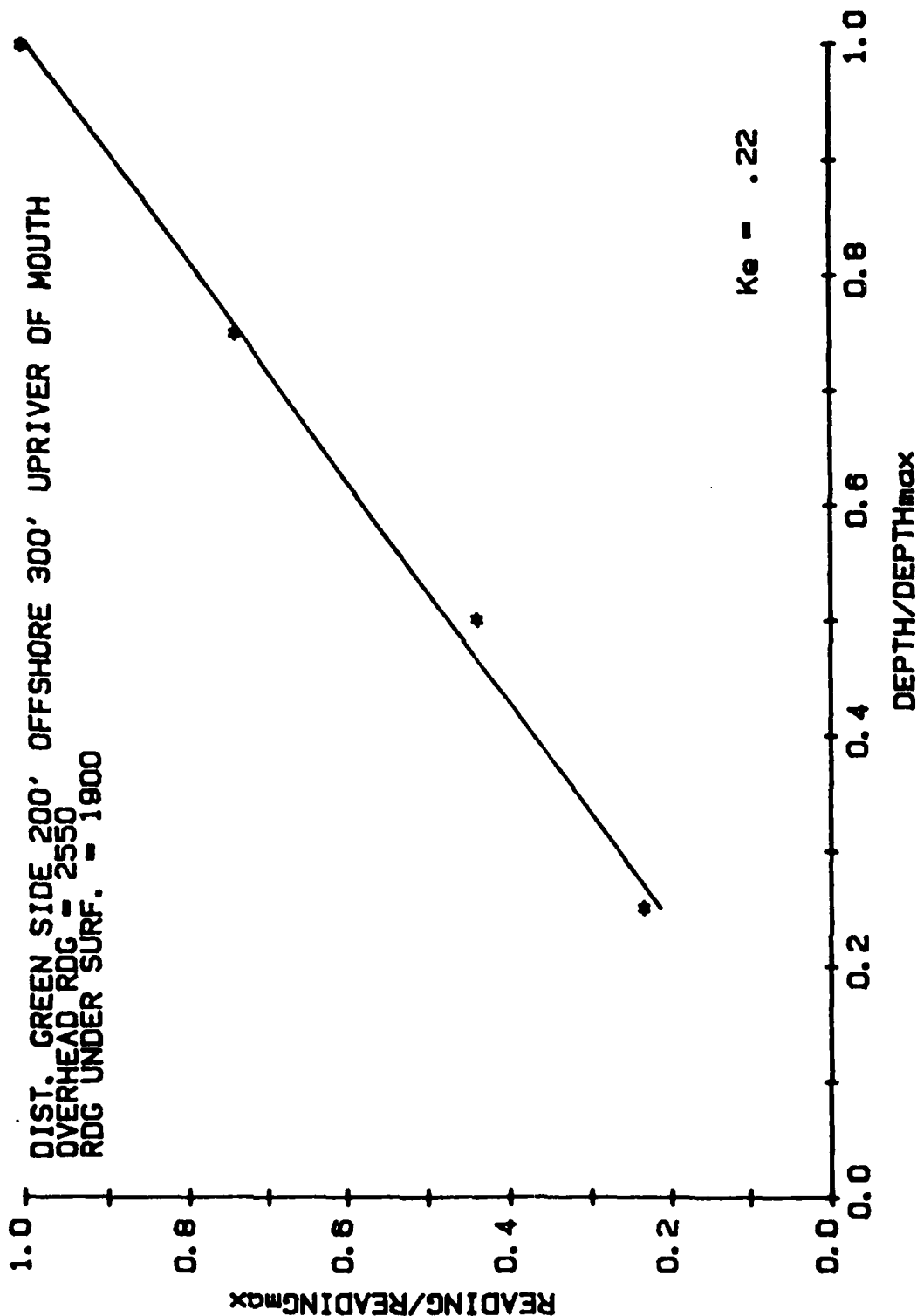
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1900.00	
1.0	1550.00	
2.0	1300.00	3.50
3.0	1000.00	
4.0	800.00	



# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 200' OFFSHORE 300' UPRIVER OF MOUTH  
OVERHEAD RDG = 2550  
RDG UNDER SURF. = 1900



DATA FOR JUNE 1985

## TURBIDITY READINGS

SITE NAME	RIVER VIEW
-----------	------------

DATE 6/2/85

TOTAL DEPTH AT LOCATION	1	(ft)	5.8
TOTAL DEPTH AT LOCATION	2	(ft)	34
TOTAL DEPTH AT LOCATION	3	(ft)	4.1

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	200.0	2.0	1.40
LOCATION 2	900.0	5.0	1.30
		15.0	1.10
		25.0	0.80
LOCATION 3	1575.0	2.0	1.60

\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 200

DATE 6/2/85  
TIME 12:20 PM  
SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 5.8

OVERHEAD LIGHT READING 2450  
LIGHT READING JUST UNDER WATER SURFACE 1950

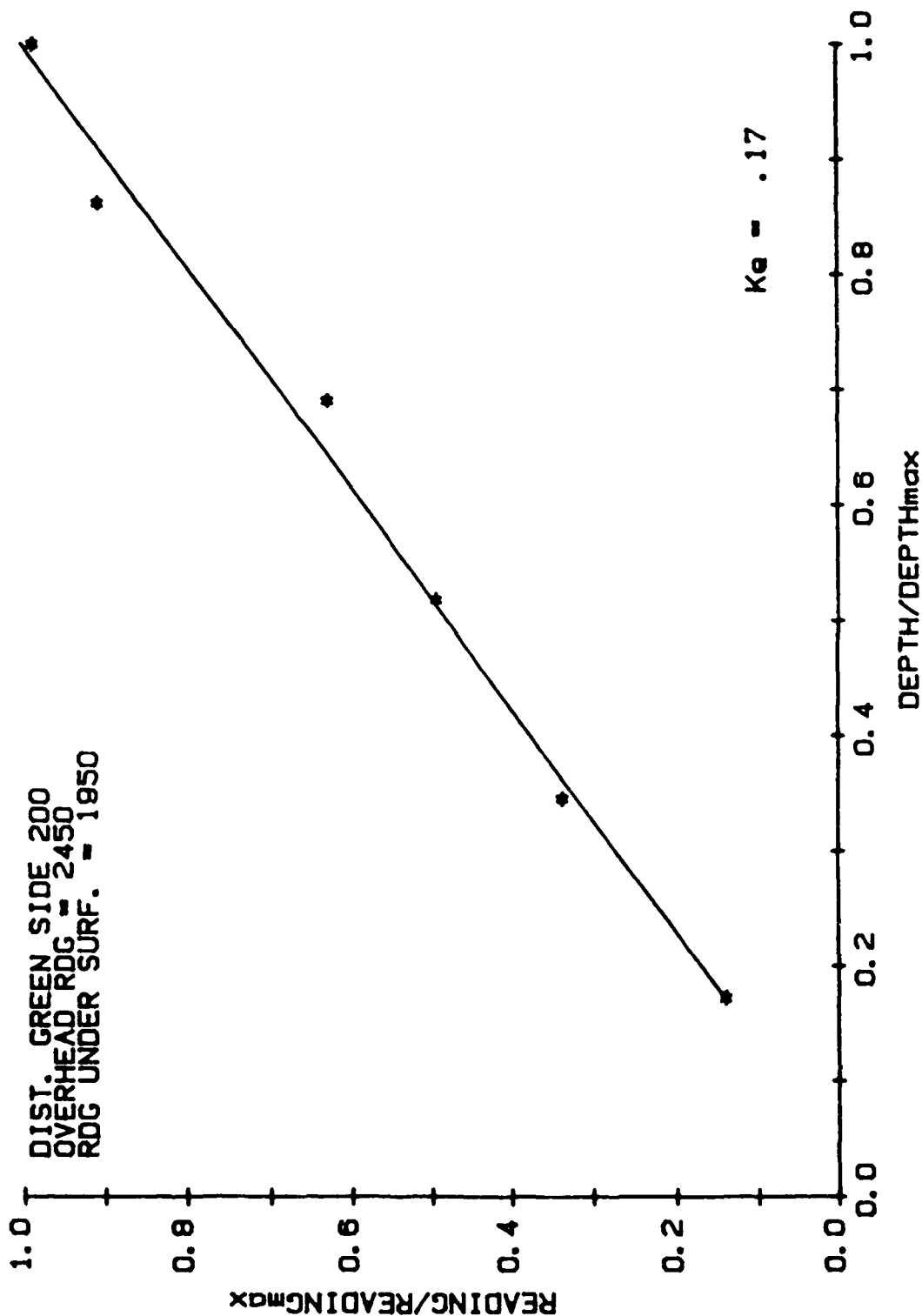
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1950.00	
1.0	1700.00	
2.0	1400.00	1.40
3.0	1200.00	
4.0	1050.00	
5.0	800.00	
5.8	740.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME RIVER VIEW

DIST. GREEN SIDE 200  
OVERHEAD RDG = 2450  
RDG UNDER SURF. = 1950



CC

# LIGHT METER READINGS

CC

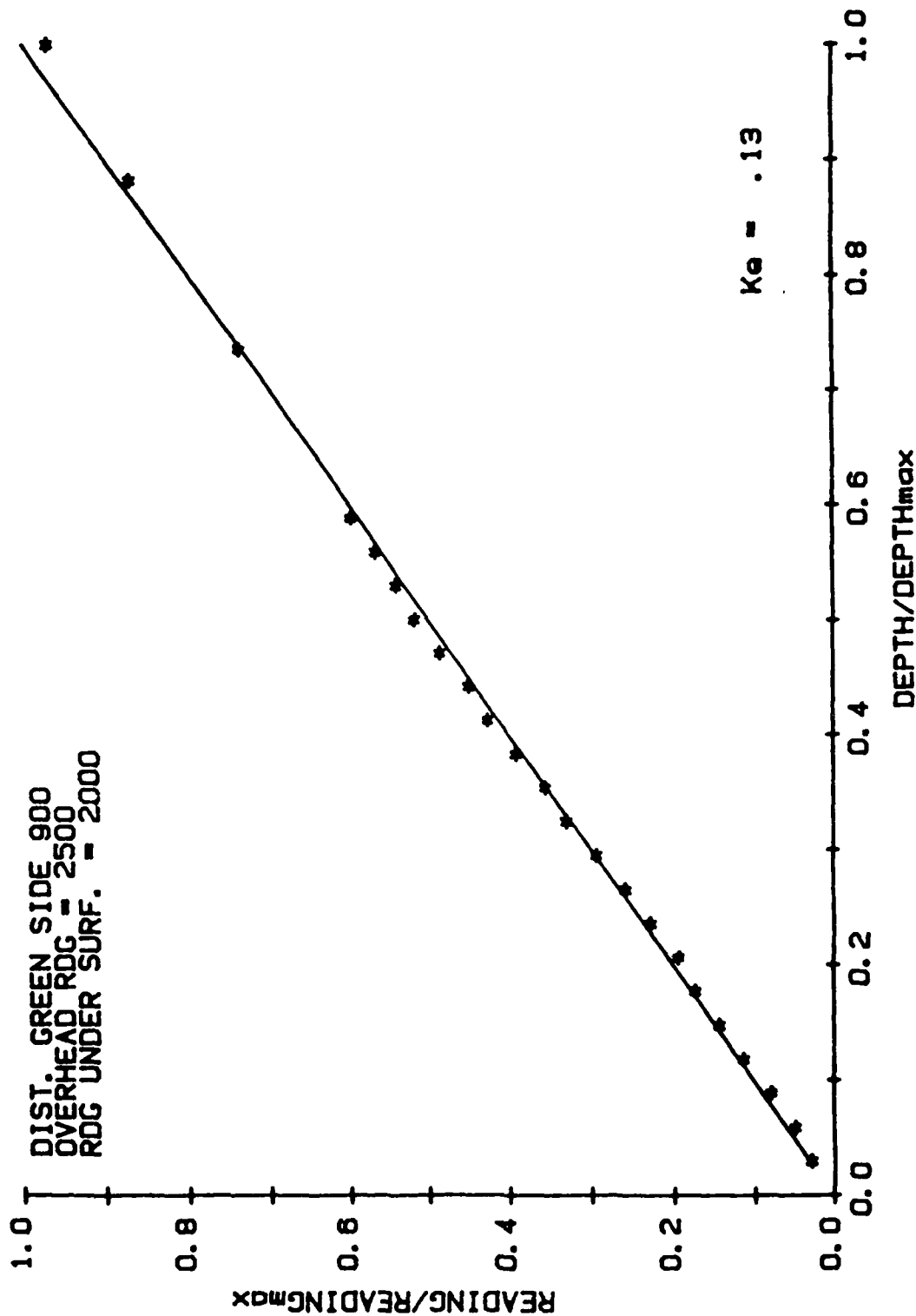
SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 900  
  
DATE 6/2/85  
TIME 12:10 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 34  
  
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 2000

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	2000.00	
1.0	1750.00	
2.0	1600.00	
3.0	1400.00	
4.0	1200.00	
5.0	1050.00	1.30
6.0	920.00	
7.0	840.00	
8.0	720.00	
9.0	630.00	
10.0	540.00	
11.0	460.00	
12.0	410.00	
13.0	350.00	
14.0	300.00	
15.0	270.00	1.10
16.0	230.00	
17.0	200.00	
18.0	180.00	
19.0	160.00	
20.0	140.00	
25.0	75.00	0.80
30.0	42.00	
34.0	27.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME RIVER VIEW

DIST. GREEN SIDE 900  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2000



CC

# LIGHT METER READINGS

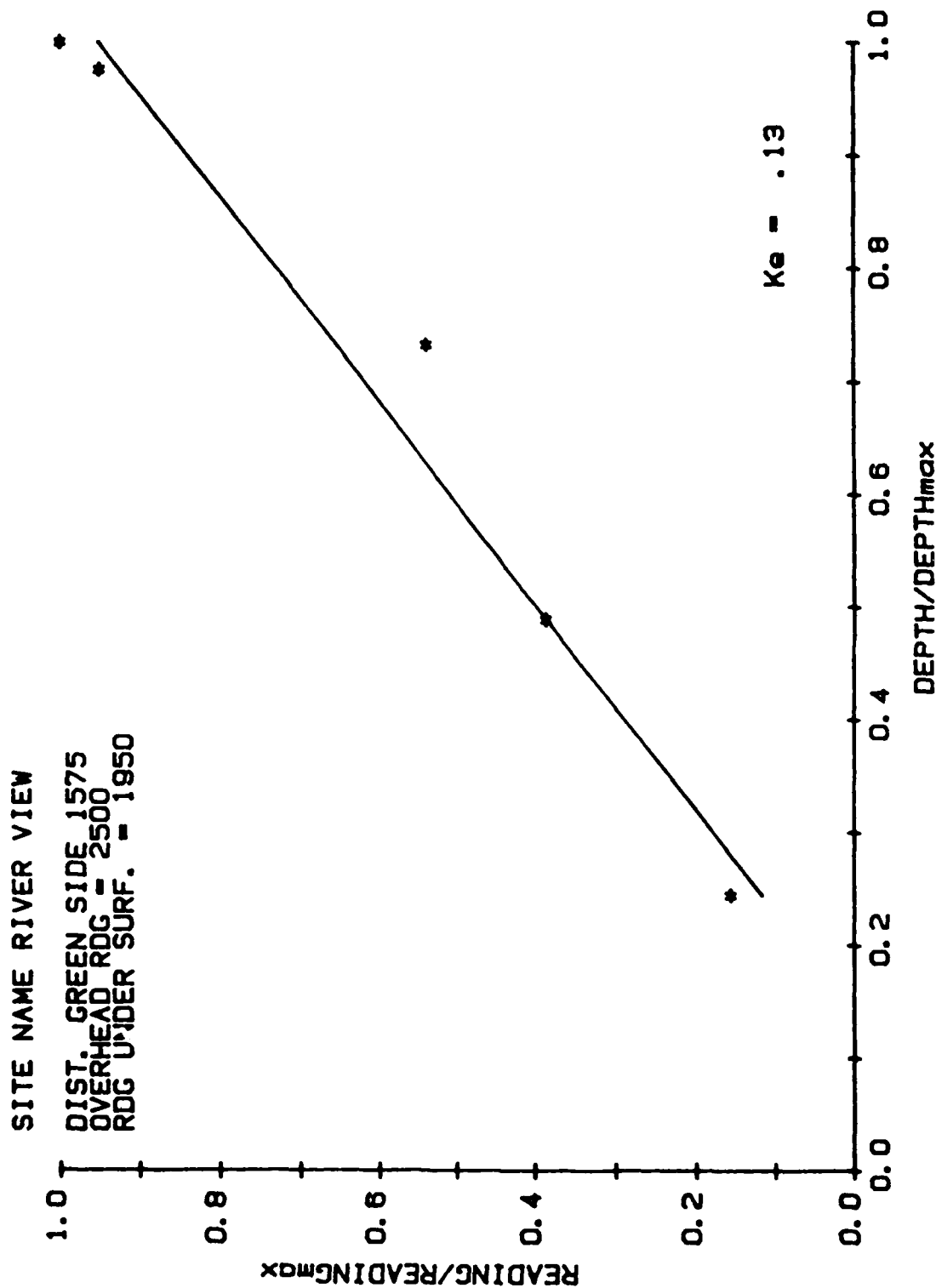
CC

SITE NAME RIVER VIEW  
READING LOCATION (dist. from green side ft) 1575  
  
DATE 6/2/85  
TIME 12:00 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 4.1  
  
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 1950

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1950.00	
1.0	1800.00	
2.0	1600.00	1.60
3.0	1480.00	
4.0	1200.00	
4.1	1170.00	



# \*\*LIGHT METER RESULTS\*\*



CC

# TURBIDITY READINGS

CC

SITE NAME SAND ISLAND

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 5.8  
TOTAL DEPTH AT LOCATION 2 (ft) 36  
TOTAL DEPTH AT LOCATION 3 (ft) 4.5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	210.0	2.0	7.70
LOCATION 2	2100.0	5.0	2.60
		15.0	2.70
		25.0	2.00
LOCATION 3	2775.0	2.0	2.70

\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 210

DATE 6/2/85  
TIME 3:15 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 5.8

OVERHEAD LIGHT READING 2600

LIGHT READING JUST UNDER WATER SURFACE 2200

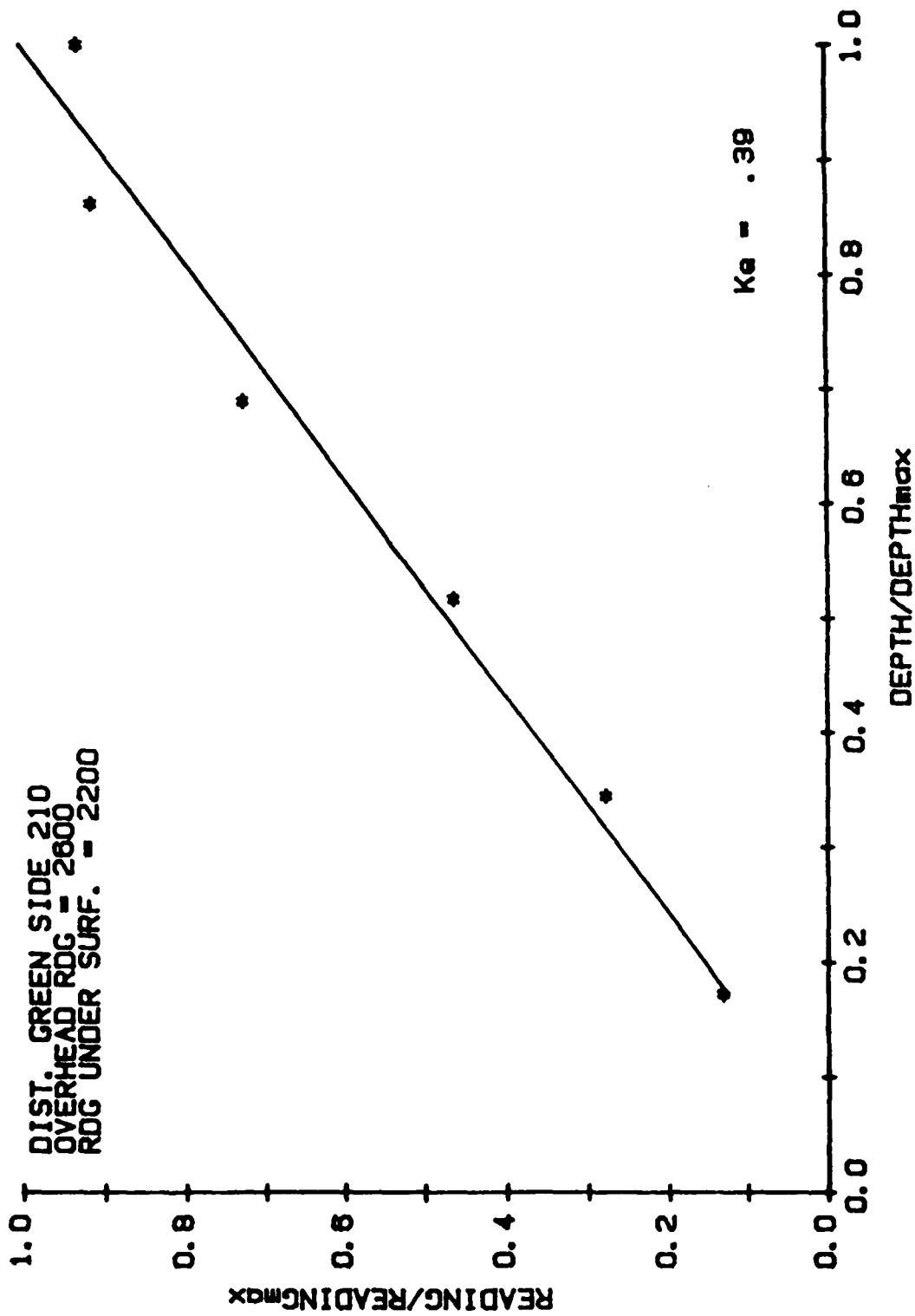
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2200.00	
1.0	1650.00	
2.0	1200.00	7.70
3.0	800.00	
4.0	450.00	
5.0	300.00	
5.8	290.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME SAND ISLAND

DIST. GREEN SIDE 210  
OVERHEAD RDG = 2600  
RDG UNDER SURF. = 2200



\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 2100

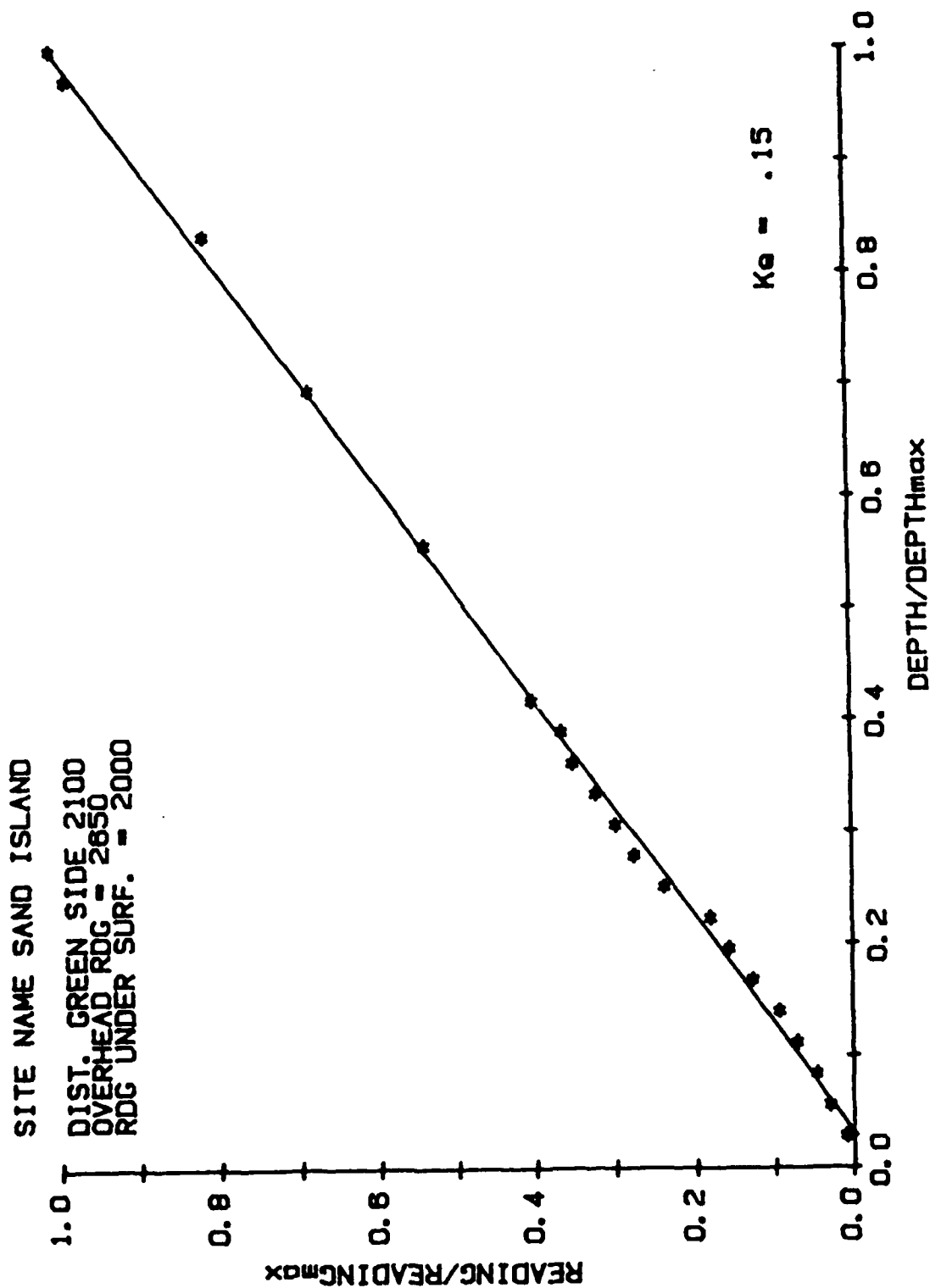
DATE 6/2/85  
TIME 3:07 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 36

OVERHEAD LIGHT READING 2650  
LIGHT READING JUST UNDER WATER SURFACE 2000

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2000.00	
1.0	1900.00	
2.0	1700.00	
3.0	1550.00	
4.0	1350.00	
5.0	1200.00	2.60
6.0	1000.00	
7.0	850.00	
8.0	750.00	
9.0	550.00	
10.0	450.00	
11.0	400.00	
12.0	350.00	
13.0	300.00	
14.0	280.00	
15.0	230.00	2.70
20.0	110.00	
25.0	50.00	2.00
30.0	25.00	
35.0	10.00	
36.0	9.00	

# \*\*LIGHT METER RESULTS\*\*



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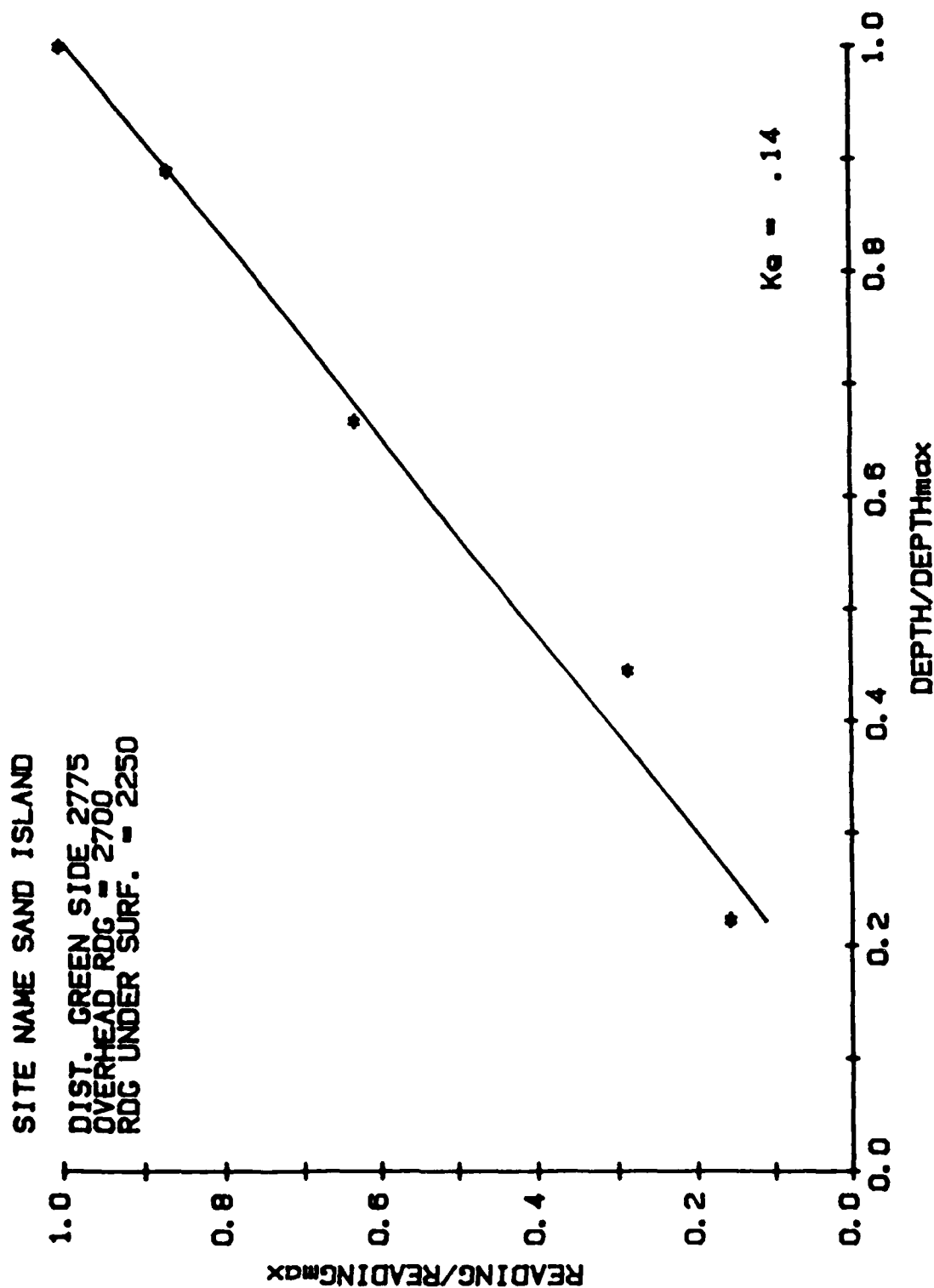
# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME SAND ISLAND  
READING LOCATION (dist. from green side ft) 2775  
  
DATE 6/2/85  
TIME 3:00 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 4.5  
  
OVERHEAD LIGHT READING 2700  
LIGHT READING JUST UNDER WATER SURFACE 2250

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	2250.00	
1.0	2050.00	
2.0	1900.00	2.70
3.0	1550.00	
4.0	1350.00	
4.5	1250.00	

# \*\*LIGHT METER RESULTS\*\*





oo

TURBIDITY READINGS

oo

SITE NAME ISLAND VIEW

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 17.5  
TOTAL DEPTH AT LOCATION 2 (ft) 37  
TOTAL DEPTH AT LOCATION 3 (ft) 5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	215.0		
		2.0	1.80
LOCATION 2	1000.0		
		5.0	2.00
		15.0	1.80
		25.0	1.80
LOCATION 3	2068.0		
		2.0	1.60

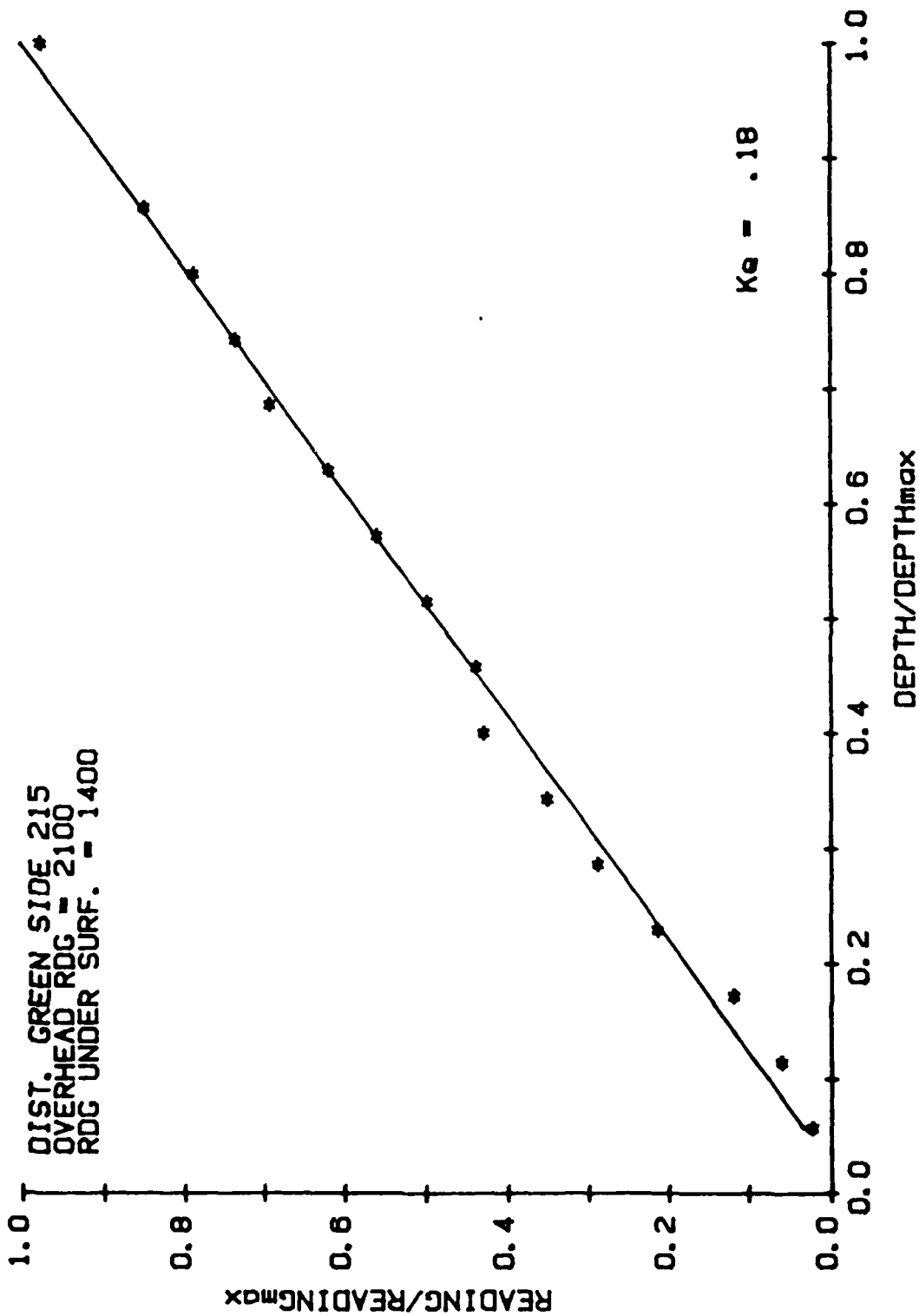
## LIGHT METER READINGS

0.0	1400.00	
1.0	1300.00	
2.0	1150.00	1.80
3.0	950.00	
4.0	700.00	
5.0	550.00	
6.0	450.00	
7.0	350.00	
8.0	340.00	
9.0	280.00	
10.0	230.00	
11.0	190.00	
12.0	150.00	
13.0	130.00	
14.0	110.00	
15.0	90.00	1.80
17.5	60.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME ISLAND VIEW

DIST. GREEN SIDE 215  
OVERHEAD ROG = 2100  
ROG UNDER SURF. = 1400



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LIGHT METER READINGS

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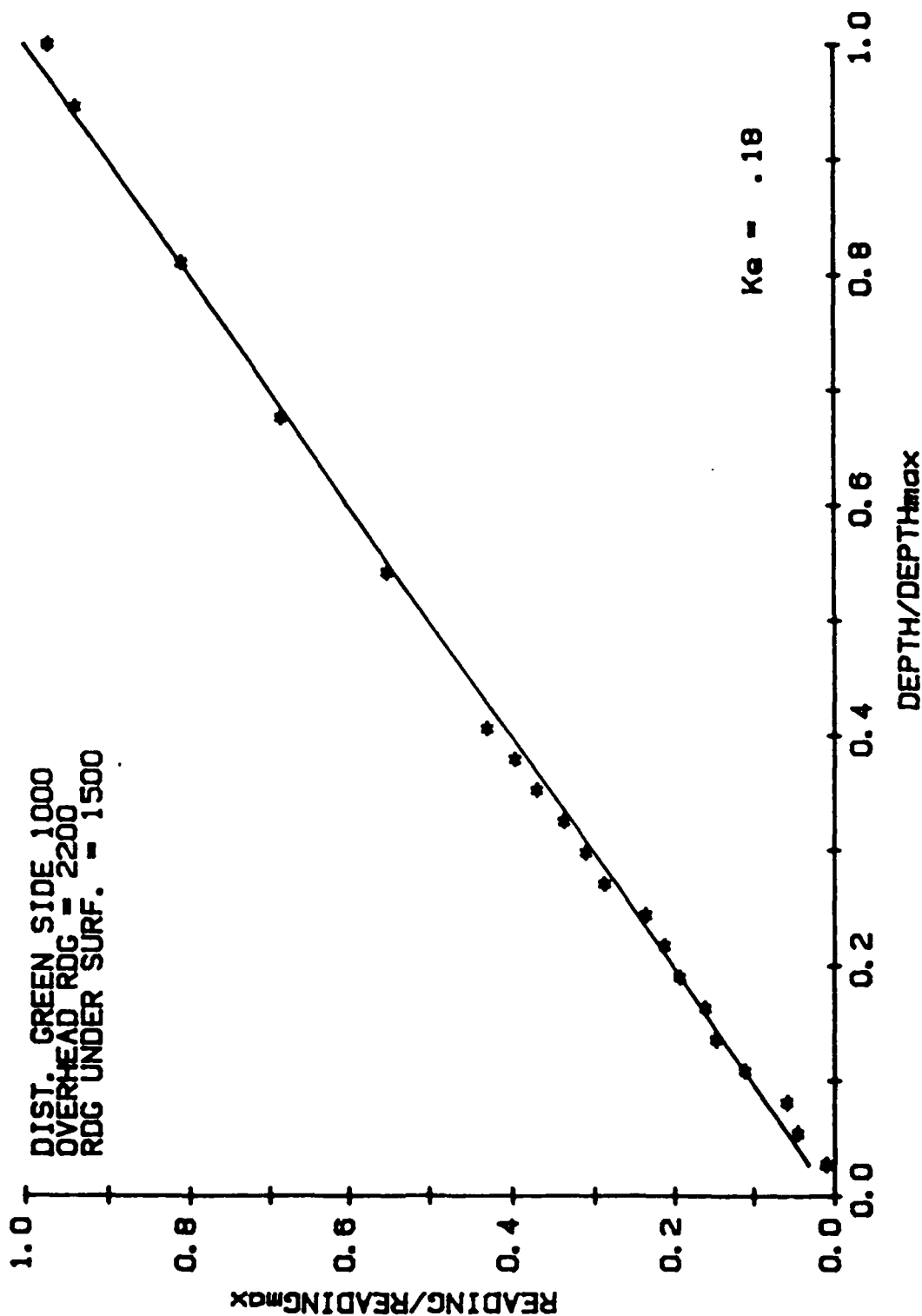
SITE NAME ISLAND VIEW  
READING LOCATION (dist. from green side ft) 1000  
  
DATE 6/2/85  
TIME 5:40 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 37  
  
OVERHEAD LIGHT READING 2200  
LIGHT READING JUST UNDER WATER SURFACE 1500

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1500.00	
1.0	1400.00	
2.0	1100.00	
3.0	1000.00	
4.0	700.00	
5.0	550.00	2.00
6.0	500.00	
7.0	400.00	
8.0	350.00	
9.0	300.00	
10.0	210.00	
11.0	180.00	
12.0	150.00	
13.0	120.00	
14.0	100.00	
15.0	80.00	1.80
20.0	35.00	
25.0	14.00	1.80
30.0	6.00	
35.0	2.50	
37.0	2.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME ISLAND VIEW

DIST. GREEN SIDE 1000  
OVERHEAD ROD = 2200  
ROD UNDER SURF. = 1500

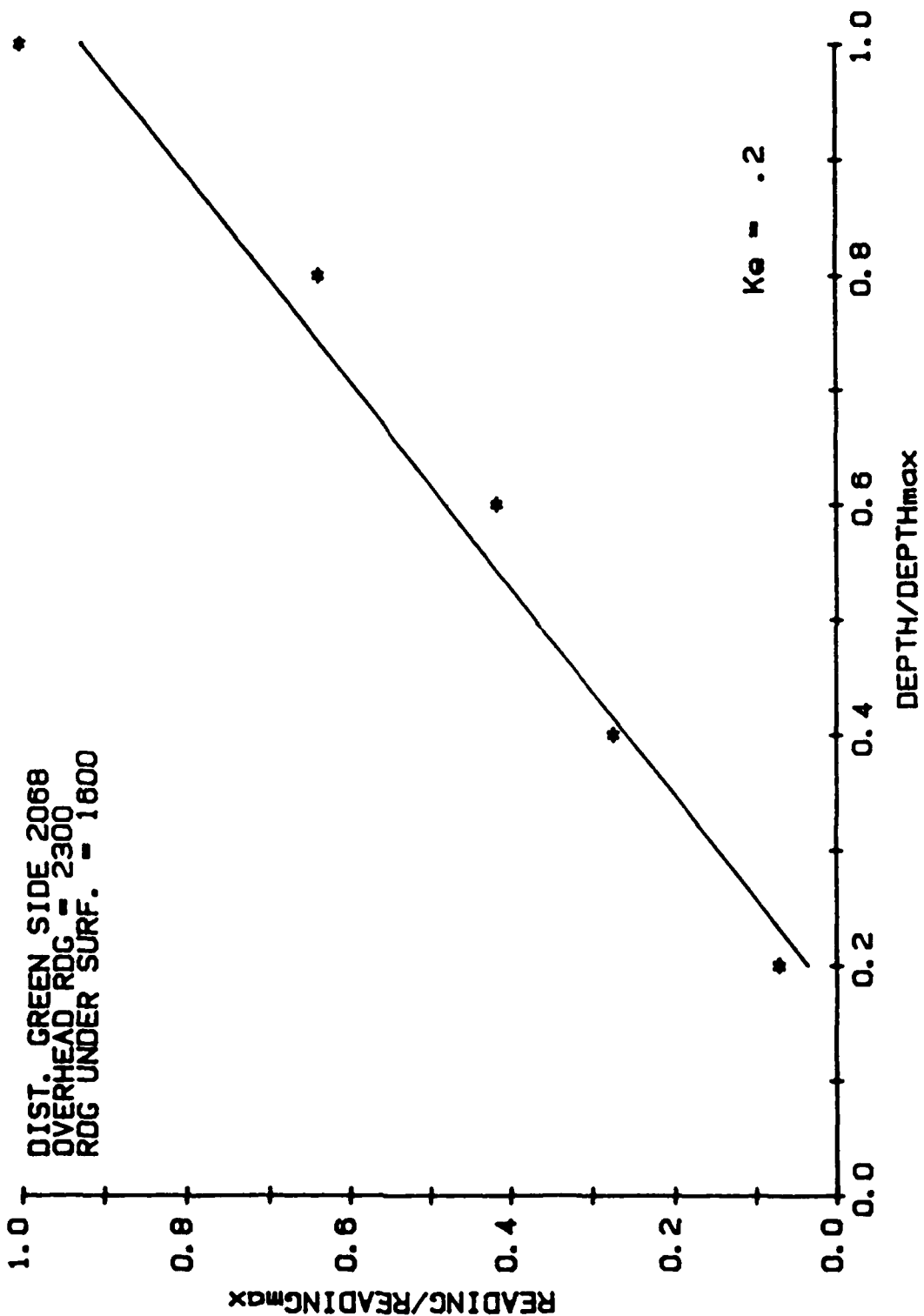




# \*\*LIGHT METER RESULTS\*\*

SITE NAME ISLAND VIEW

DIST. GREEN SIDE 2068  
OVERHEAD RDG = 2300  
RDG UNDER SURF. = 1800



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# TURBIDITY READINGS

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SITE NAME NINE MILE

DATE 6/2/85

TOTAL DEPTH AT LOCATION	1	(ft)	5
TOTAL DEPTH AT LOCATION	2	(ft)	35
TOTAL DEPTH AT LOCATION	3	(ft)	37
TOTAL DEPTH AT LOCATION	4	(ft)	4

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	600.0	2.0	2.50
LOCATION 2	2500.0	5.0	1.80
		15.0	1.30
		25.0	1.20
LOCATION 3	4700.0	5.0	1.40
		15.0	1.00
		25.0	1.00
LOCATION 4	5650.0	2.0	3.10



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME NINE MILE  
READING LOCATION (dist. from green side ft) 600

DATE 6/2/85  
TIME 1:10 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 5

OVERHEAD LIGHT READING 2500

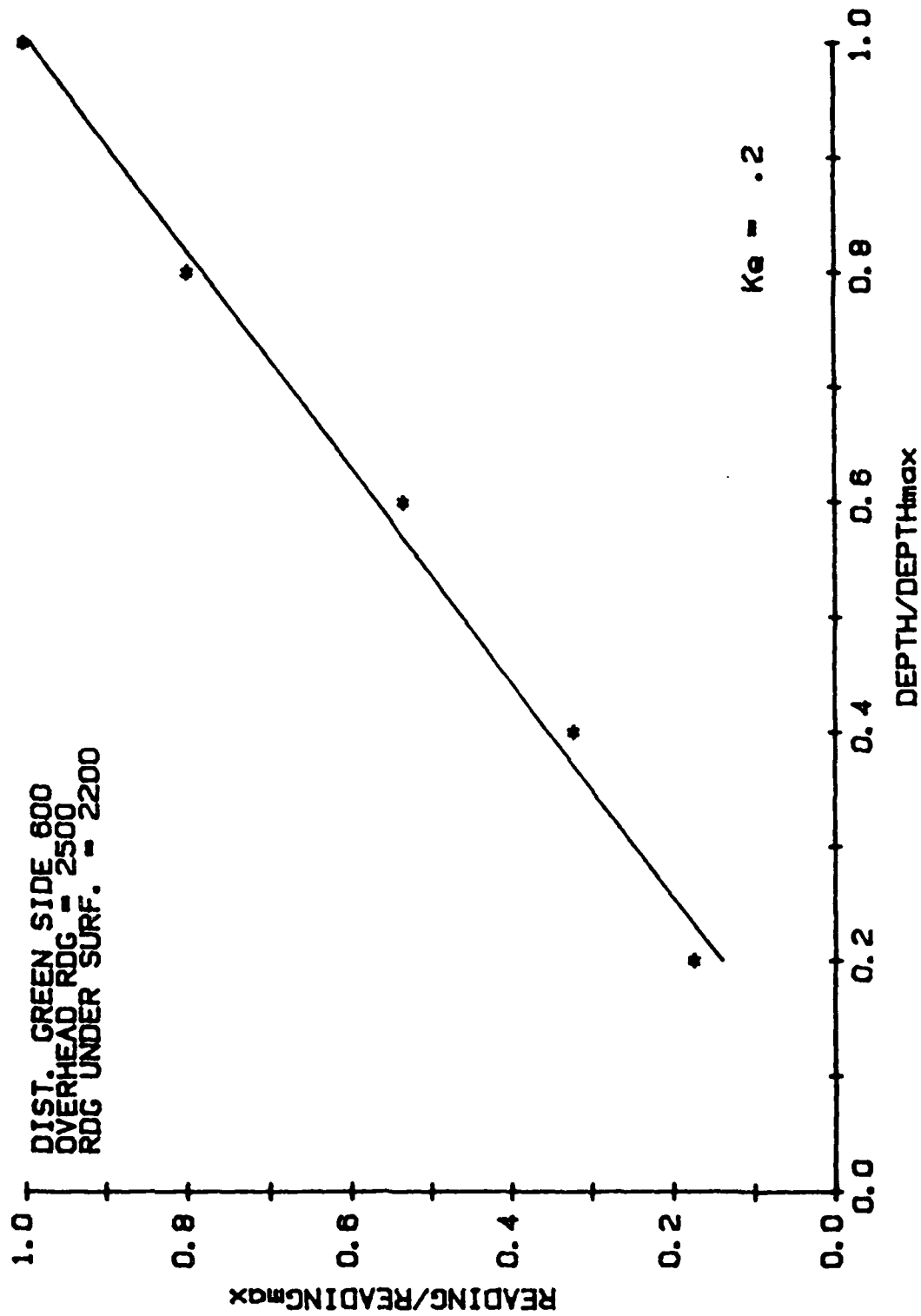
LIGHT READING JUST UNDER WATER SURFACE 2200

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2200.00	
1.0	1850.00	
2.0	1600.00	2.50
3.0	1300.00	
4.0	1000.00	
5.0	820.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME NINE MILE  
DIST. GREEN SIDE 600  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2200



[illegible]

### LIGHT METER READINGS

[illegible]

SITE NAME NINE MILE  
READING LOCATION (dist. from green side ft) 2500

DATE 6/2/85

TIME 1:00 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft)	35
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OVERHEAD LIGHT READING 2480

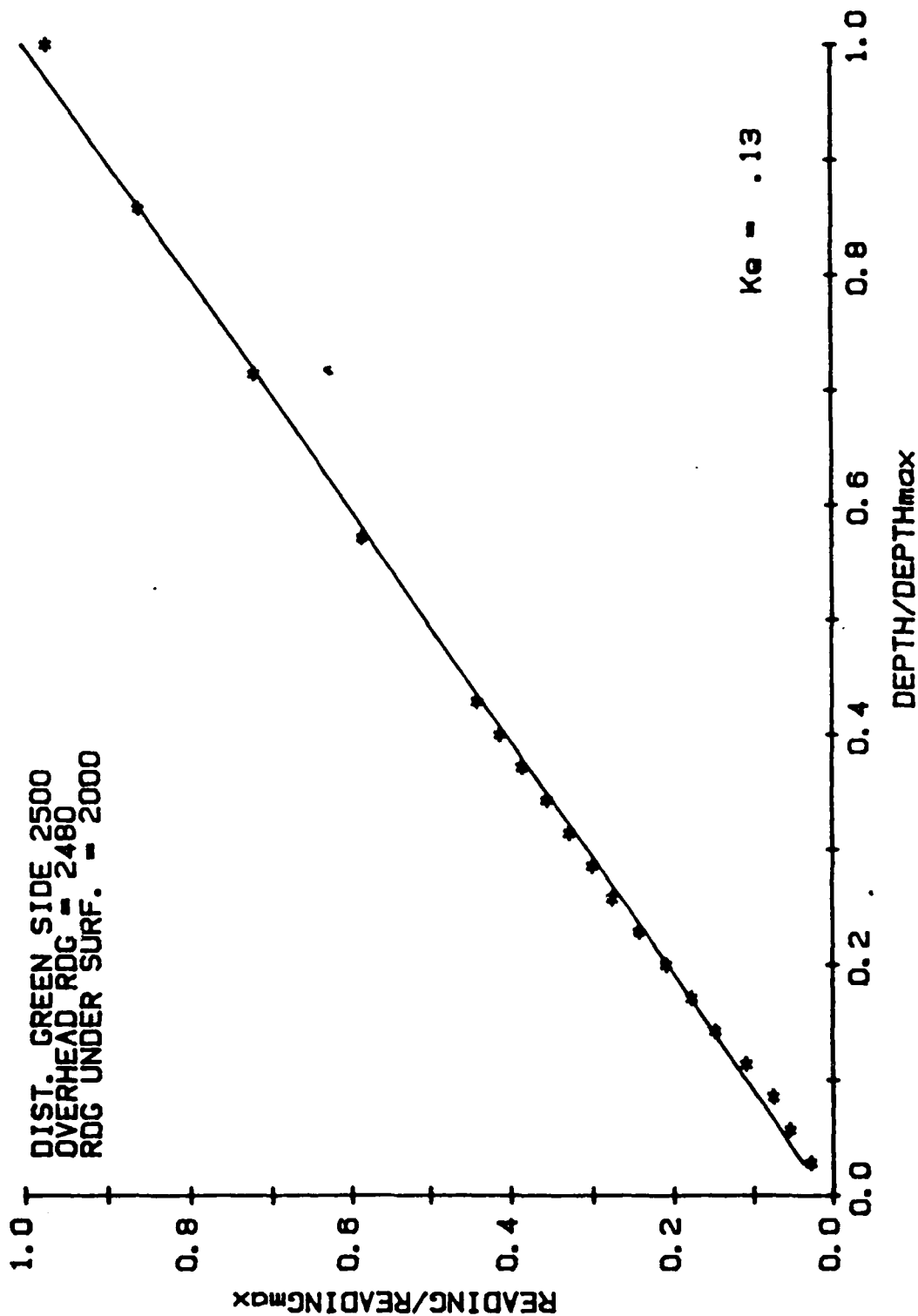
LIGHT READING JUST UNDER WATER SURFACE 2000

DEPTH OF		LIGHT METER		TURBIDITY	
***	READING (ft)	***	READING	***	(JTU) ***
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	7			

0.0	2000.00	
1.0	1750.00	
2.0	1550.00	
3.0	1400.00	
4.0	1200.00	
5.0	1000.00	1.80
6.0	870.00	
7.0	750.00	
8.0	640.00	
9.0	550.00	
10.0	490.00	
11.0	430.00	
12.0	380.00	
13.0	330.00	
14.0	290.00	
15.0	255.00	1.30
20.0	130.00	
25.0	69.00	1.20
30.0	36.00	
35.0	21.50	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME NINE MILE  
DIST. GREEN SIDE 2500  
OVERHEAD ROD = 2480  
ROD UNDER SURF. = 2000



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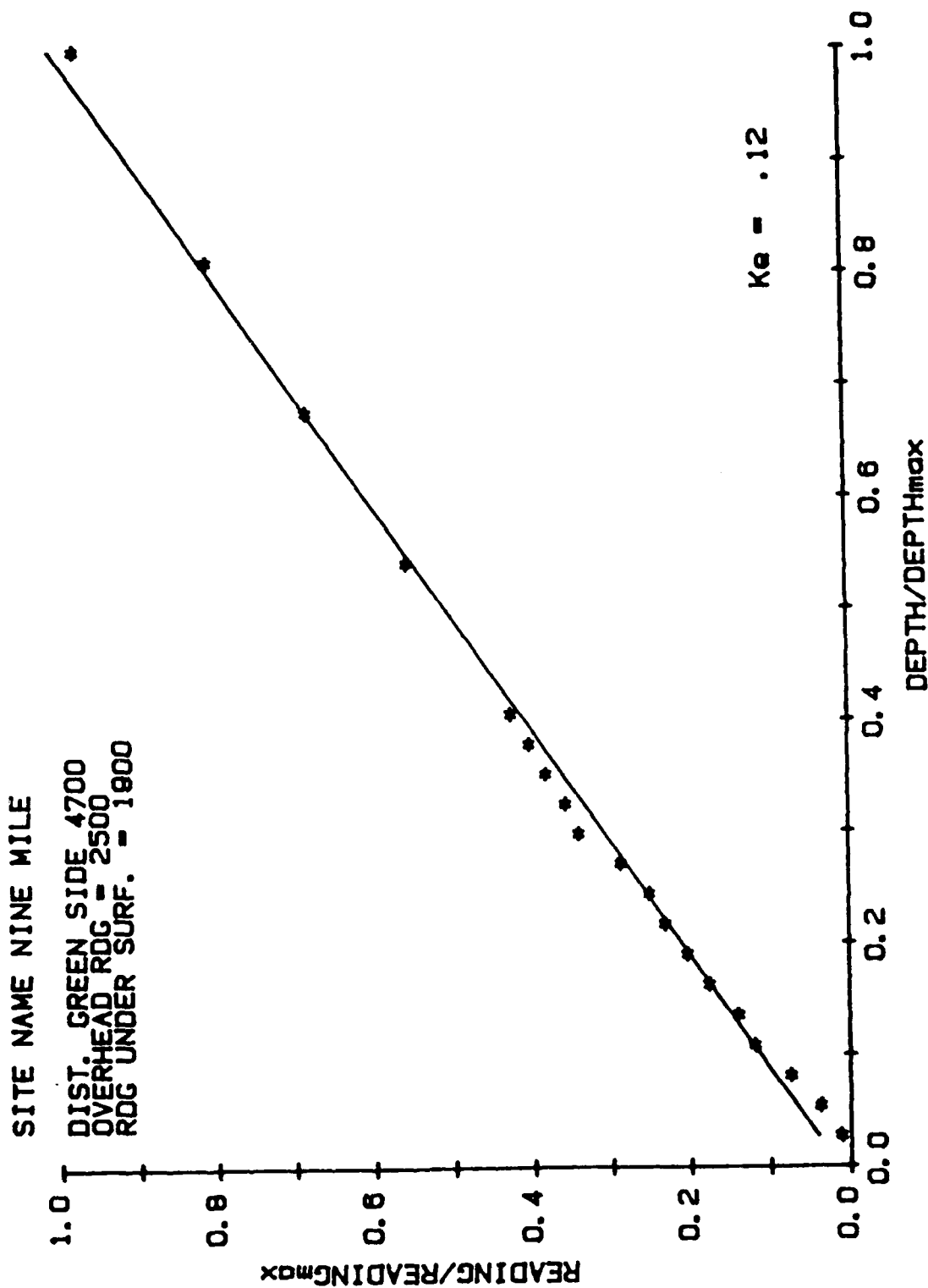
# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME NINE MILE  
 READING LOCATION (dist. from green side ft) 4700  
 DATE 6/2/85  
 TIME 12:50 PM  
 SKY WAS CLEAR  
 TOTAL DEPTH AT LOCATION (ft) 37  
 OVERHEAD LIGHT READING 2500  
 LIGHT READING JUST UNDER WATER SURFACE 1900

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
0.0	1900.00	
1.0	1800.00	
2.0	1600.00	
3.0	1350.00	
4.0	1100.00	
5.0	1000.00	1.40
6.0	850.00	
7.0	750.00	
8.0	660.00	
9.0	600.00	
10.0	510.00	
11.0	400.00	
12.0	370.00	
13.0	330.00	
14.0	300.00	
15.0	270.00	1.00
20.0	150.00	
25.0	85.00	1.00
30.0	48.00	
37.0	22.50	

# \*\*LIGHT METER RESULTS\*\*



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LIGHT METER READINGS

oo

SITE NAME NINE MILE  
READING LOCATION (dist. from green side ft) 5650

DATE 6/2/85  
TIME 12:40 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 4

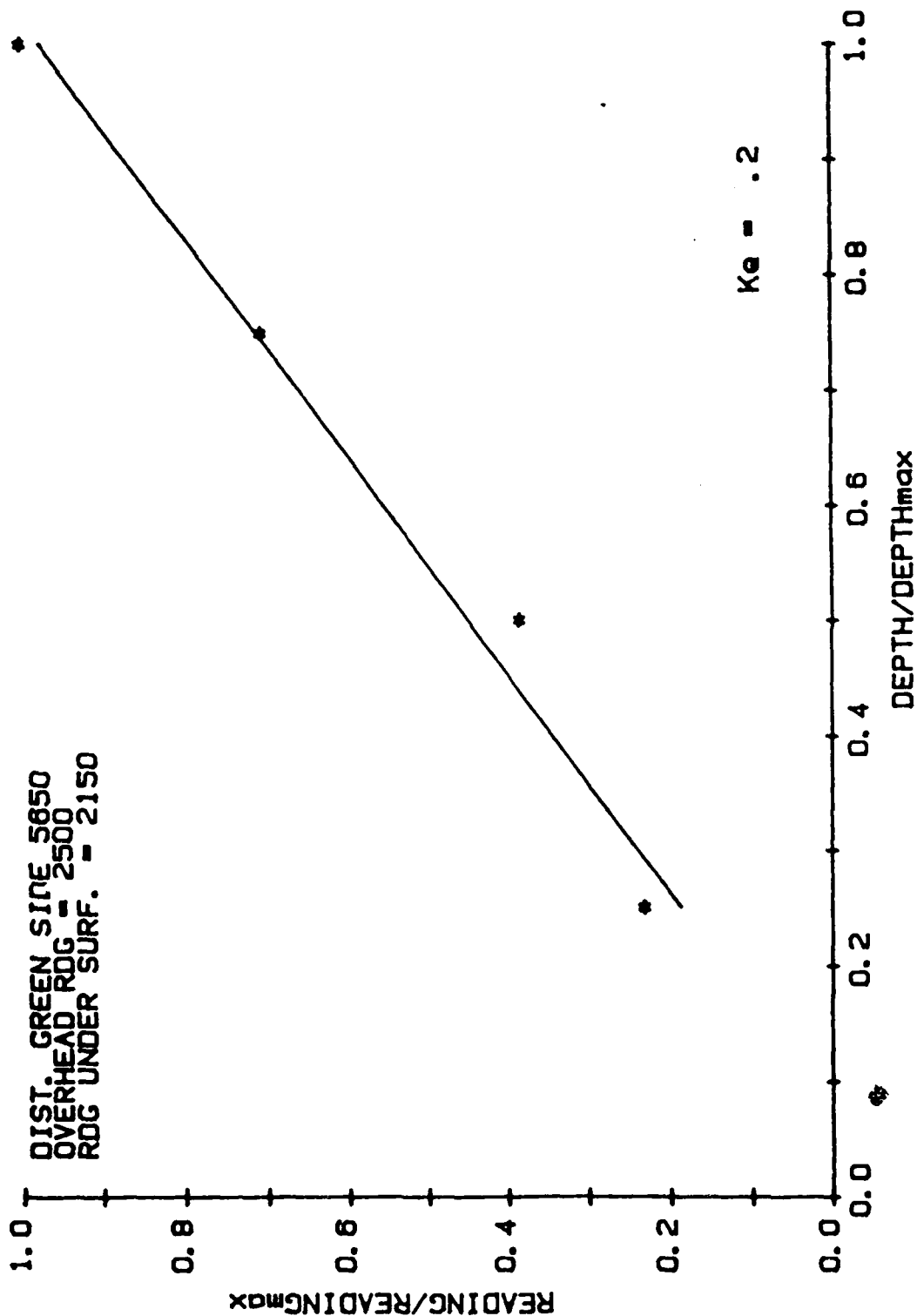
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 2150

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2150.00	
1.0	1800.00	
2.0	1600.00	3.10
3.0	1250.00	
4.0	1000.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME NINE MILE  
DIST. GREEN SIDE 5850  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2150





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# TURBIDITY READINGS

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SITE NAME EAST CELL DOCK

DATE 6/2/85

TOTAL DEPTH AT LOCATION	1	(ft)	6
TOTAL DEPTH AT LOCATION	2	(ft)	37
TOTAL DEPTH AT LOCATION	3	(ft)	9.600001
TOTAL DEPTH AT LOCATION	4	(ft)	4.8

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	215.0	2.0	1.80
LOCATION 2	500.0	5.0	2.40
		15.0	2.30
		25.0	2.20
LOCATION 3	2100.0	2.0	4.60
LOCATION 4	2900.0	2.0	3.60

\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 215

DATE 6/2/85

TIME 1:55 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 6

OVERHEAD LIGHT READING 2500

LIGHT READING JUST UNDER WATER SURFACE 1300

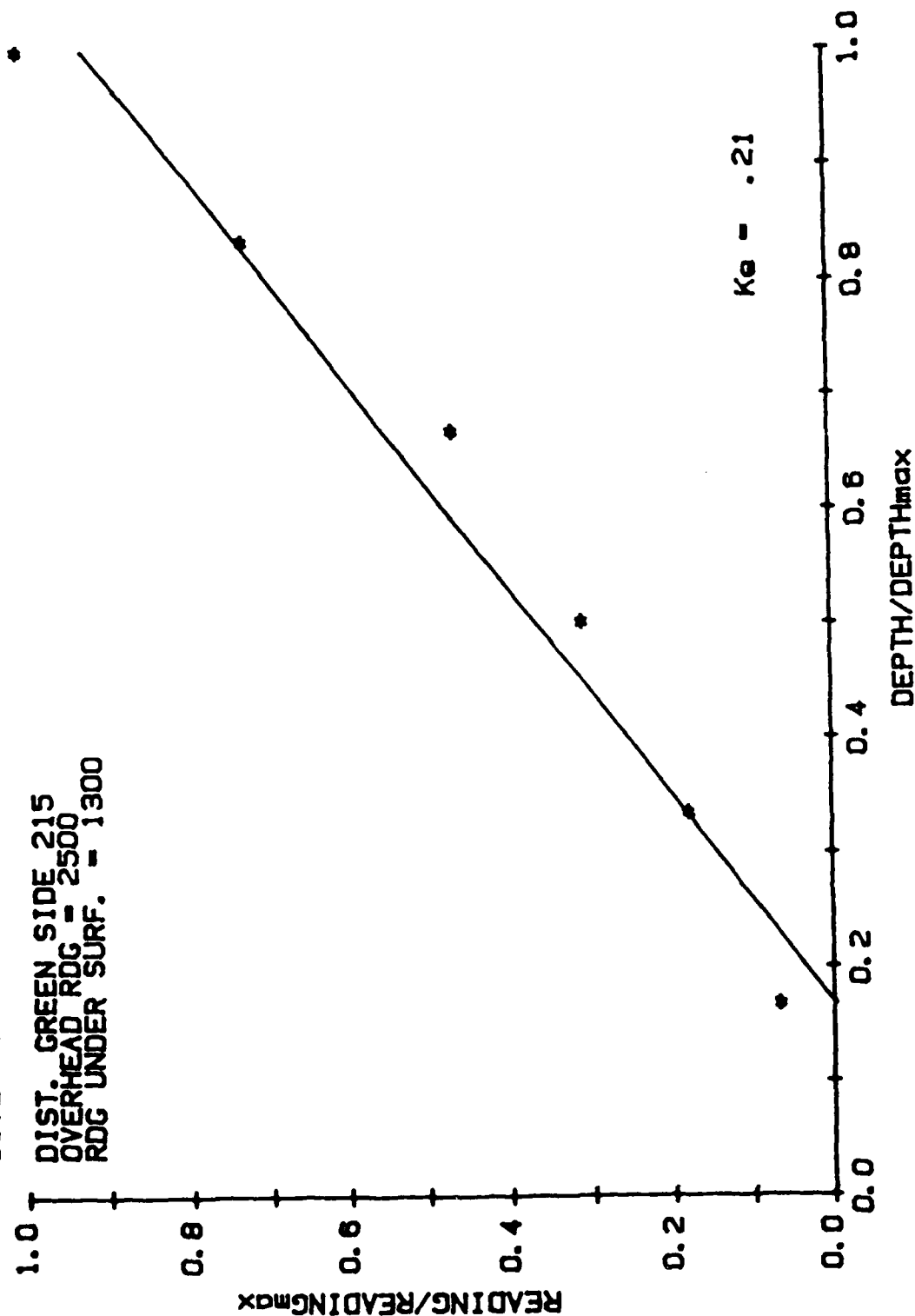
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	1300.00	
1.0	1200.00	
2.0	1050.00	1.80
3.0	900.00	
4.0	750.00	
5.0	550.00	
6.0	400.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 215  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 1300



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 500

DATE 6/2/85  
TIME 1:50 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 37

OVERHEAD LIGHT READING 2550  
LIGHT READING JUST UNDER WATER SURFACE 2150

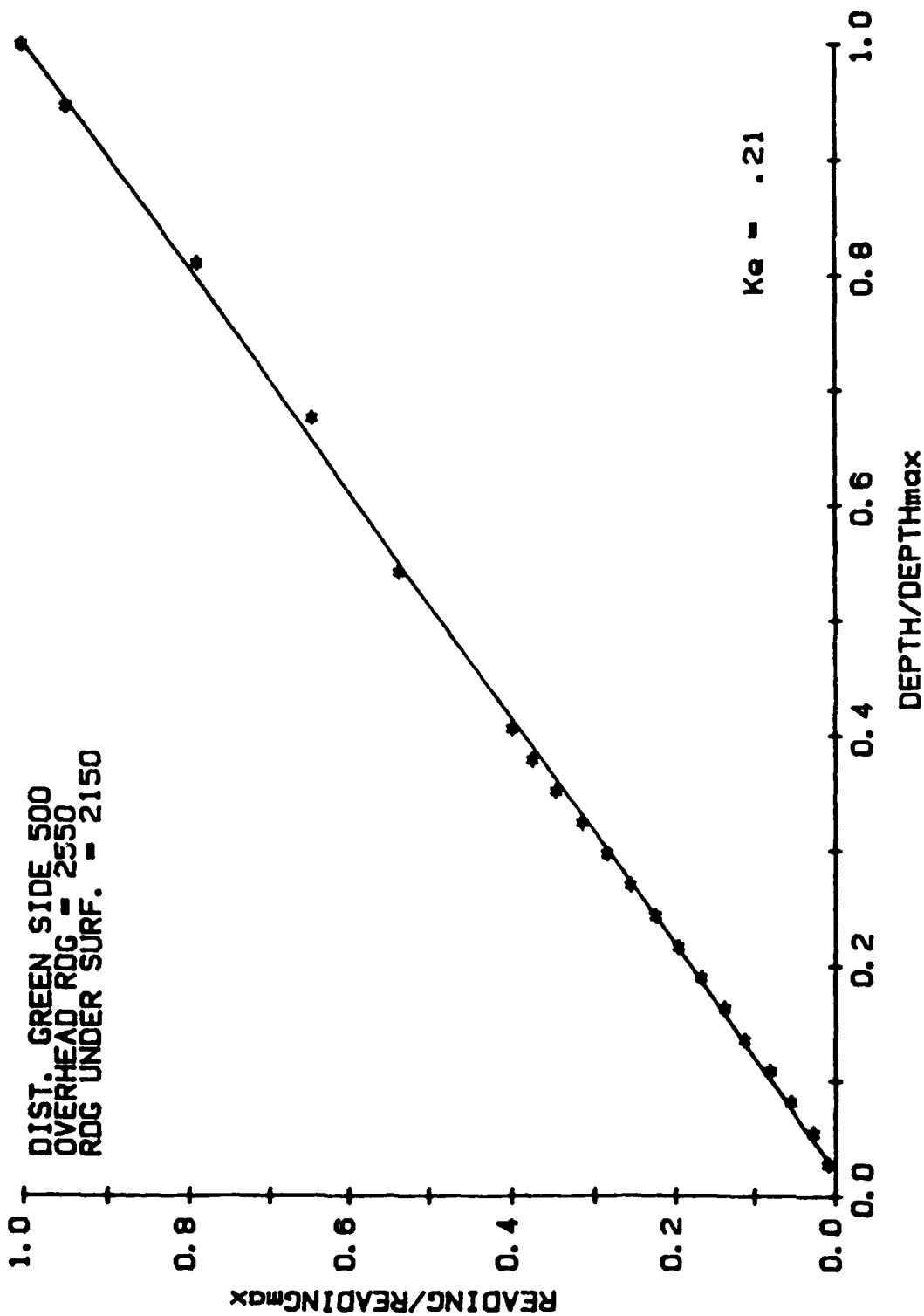
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2150.00	
1.0	2000.00	
2.0	1750.00	
3.0	1400.00	
4.0	1150.00	
5.0	900.00	2.40
6.0	740.00	
7.0	590.00	
8.0	470.00	
9.0	380.00	
10.0	300.00	
11.0	240.00	
12.0	190.00	
13.0	150.00	
14.0	120.00	
15.0	100.00	2.30
20.0	35.00	
25.0	15.00	2.20
30.0	5.00	
35.0	1.50	
37.0	1.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 500  
OVERHEAD ROG = 2550  
ROG UNDER SURF. = 2150



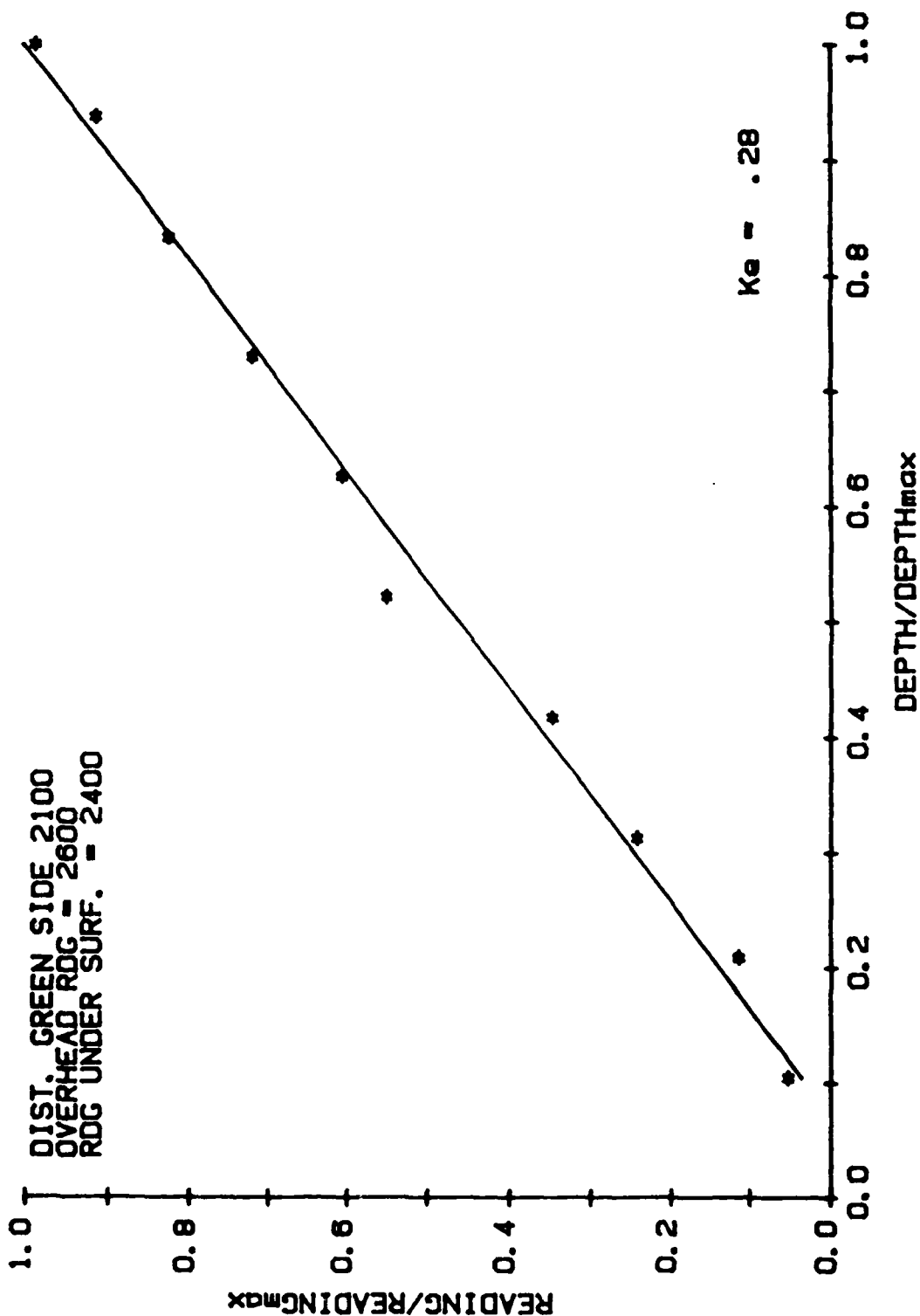
### LIGHT METER READINGS

0.0	2400.00	
1.0	2100.00	
2.0	1800.00	4.60
3.0	1300.00	
4.0	1000.00	
5.0	600.00	
6.0	520.00	
7.0	390.00	
8.0	300.00	
9.0	240.00	
9.6	200.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2100  
OVERHEAD RDG = 2600  
RDG UNDER SURF. = 2400



CC

LIGHT METER READINGS

CC

SITE NAME EAST CELL DOCK  
READING LOCATION (dist. from green side ft) 2900  
  
DATE 6/2/85  
TIME 1:40 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 4.8  
  
OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 2200

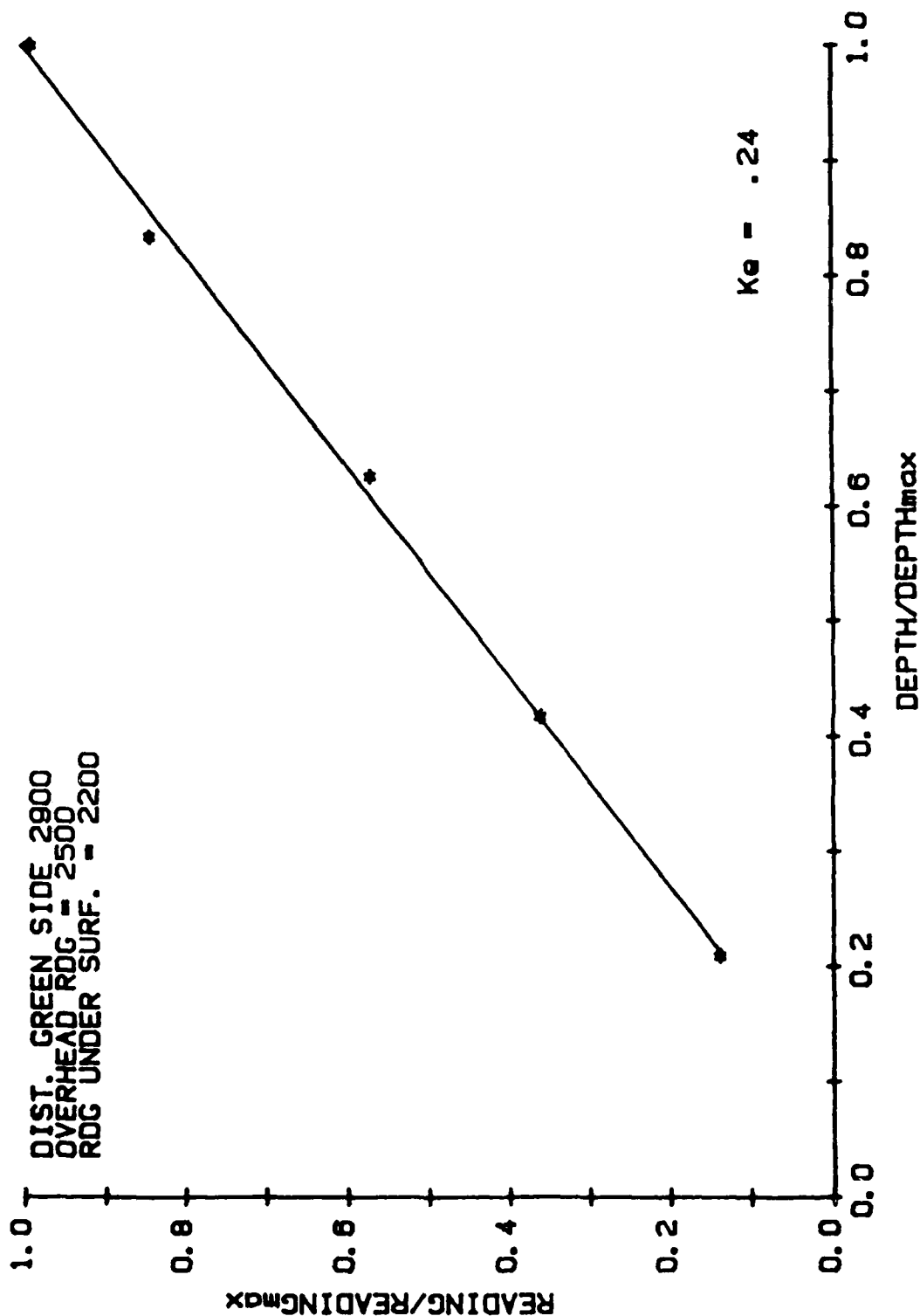
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	2200.00	
1.0	1900.00	
2.0	1500.00	3.60
3.0	1200.00	
4.0	900.00	
4.8	770.00	



# \*\*LIGHT METER RESULTS\*\*

SITE NAME EAST CELL DOCK

DIST. GREEN SIDE 2900  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2200



CC

# TURBIDITY READINGS

CC

SITE NAME WEST CELL DOCK

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 9  
TOTAL DEPTH AT LOCATION 2 (ft) 35  
TOTAL DEPTH AT LOCATION 3 (ft) 29

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	200.0	2.0	1.70
LOCATION 2	695.0	5.0	2.00
		15.0	2.60
		25.0	1.80
LOCATION 3	1290.0	2.0	1.70

\*\*\*\*\*

# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 200

DATE 6/2/85

TIME 2:20 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 9

OVERHEAD LIGHT READING 2500

LIGHT READING JUST UNDER WATER SURFACE 2000

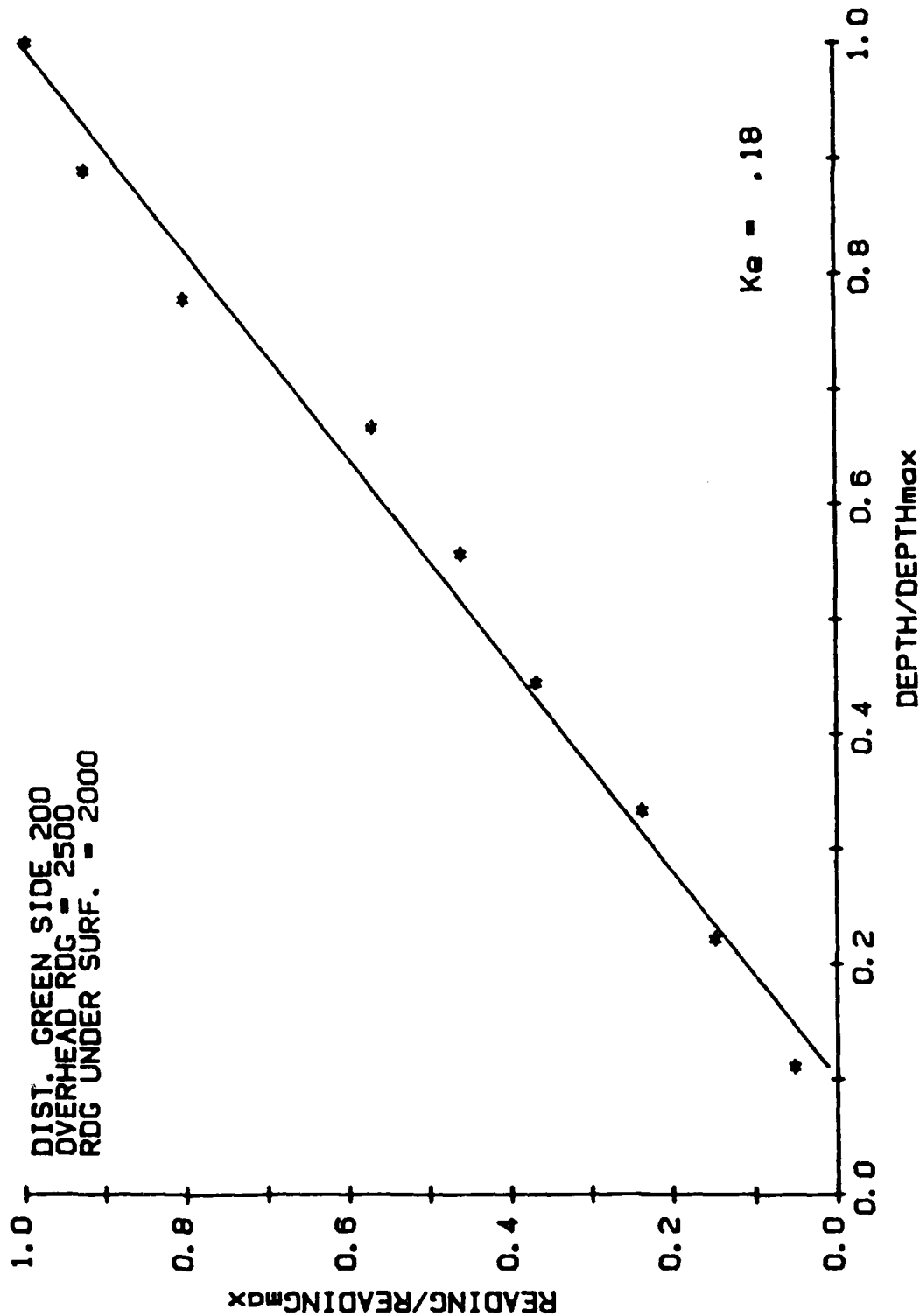
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2000.00	
1.0	1850.00	
2.0	1600.00	1.70
3.0	1400.00	
4.0	1150.00	
5.0	1000.00	
6.0	850.00	
7.0	600.00	
8.0	500.00	
9.0	450.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 200  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2000



CC

# LIGHT METER READINGS

CC

SITE NAME WEST CELL DOCK  
READING LOCATION (dist. from green side ft) 695

DATE 6/2/85  
TIME 2:10 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 35

OVERHEAD LIGHT READING 2550  
LIGHT READING JUST UNDER WATER SURFACE 2100

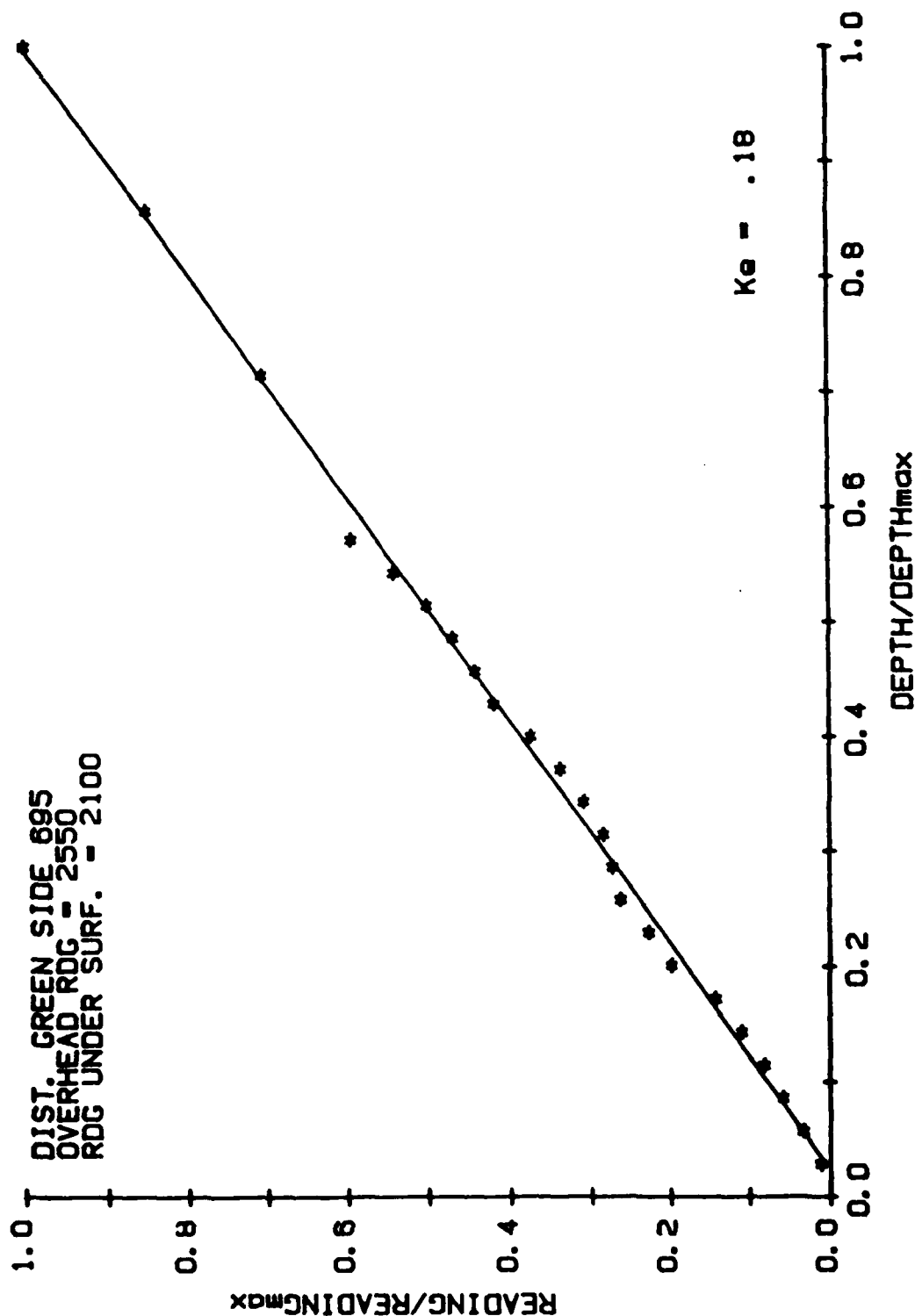
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2100.00	
1.0	1950.00	
2.0	1700.00	
3.0	1450.00	
4.0	1250.00	
5.0	1050.00	2.00
6.0	850.00	
7.0	600.00	
8.0	500.00	
9.0	400.00	
10.0	375.00	
11.0	350.00	
12.0	300.00	
13.0	250.00	
14.0	200.00	
15.0	150.00	2.60
16.0	130.00	
17.0	110.00	
18.0	90.00	
19.0	70.00	
20.0	50.00	
25.0	25.00	1.80
30.0	10.00	
35.0	4.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 695  
OVERHEAD RDG = 2550  
RDG UNDER SURF. = 2100

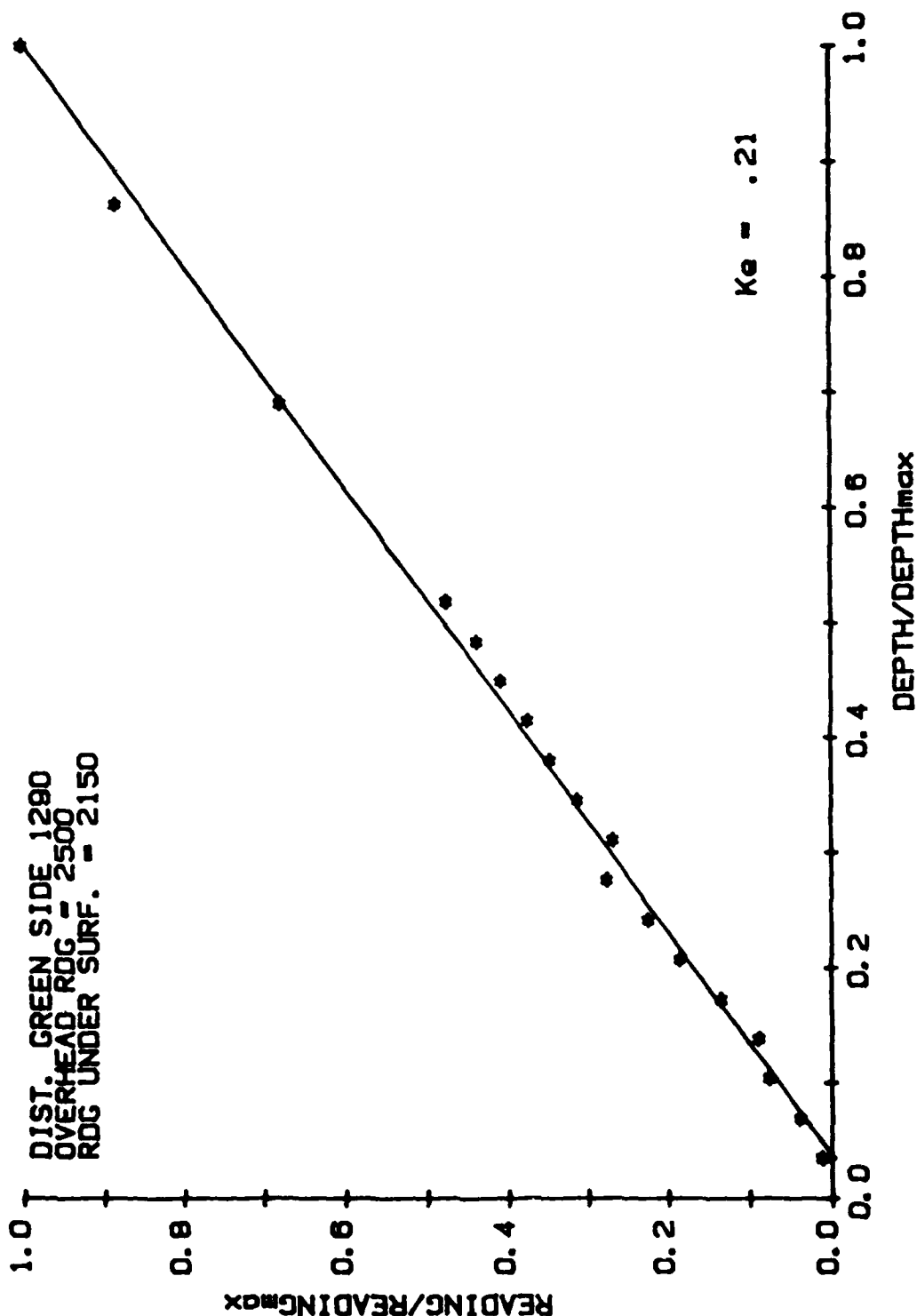




# **\*\*LIGHT METER RESULTS\*\***

SITE NAME WEST CELL DOCK

DIST. GREEN SIDE 1290  
OVERHEAD ROD = 2500  
ROD UNDER SURF. = 2150





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TURBIDITY READINGS

oo

SITE NAME MOON ISLAND

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 7  
TOTAL DEPTH AT LOCATION 2 (ft) 37  
TOTAL DEPTH AT LOCATION 3 (ft) 7

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

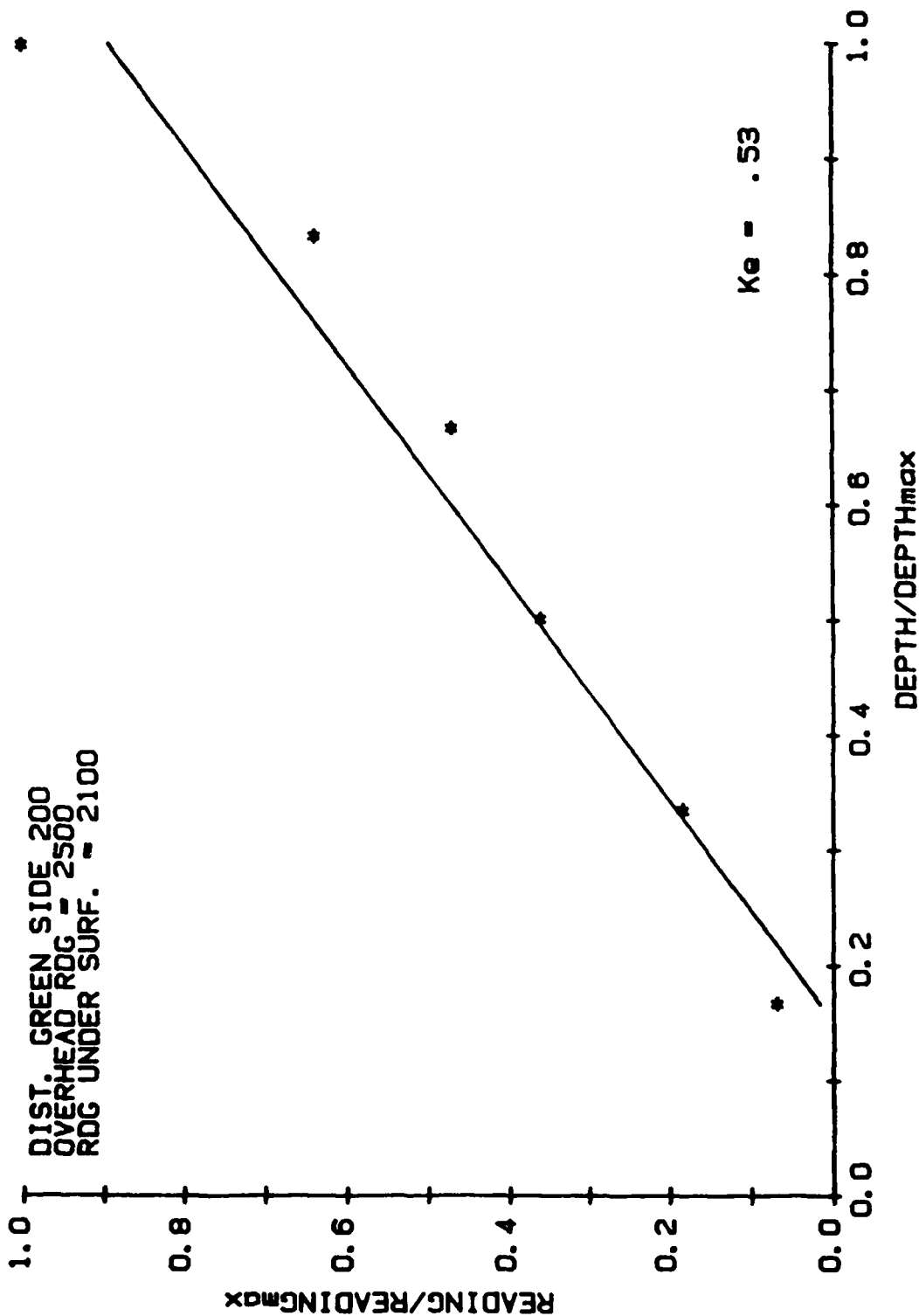
	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	200.0	2.0	7.20
LOCATION 2	900.0	10.0	2.60
		15.0	3.80
LOCATION 3	1175.0	2.0	25.00
		5.0	22.00



# \*\*LIGHT METER RESULTS\*\*

SITE NAME MOON ISLAND

DIST. GREEN SIDE 200  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 2100



[illegible]

## LIGHT METER READINGS

[illegible]

SITE NAME MOON ISLAND  
READING LOCATION (dist. from green side ft) 900

DATE 6/2/85  
TIME 4:20 PM

SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 37

OVERHEAD LIGHT READING	2500
LIGHT READING JUST UNDER WATER SURFACE	2200

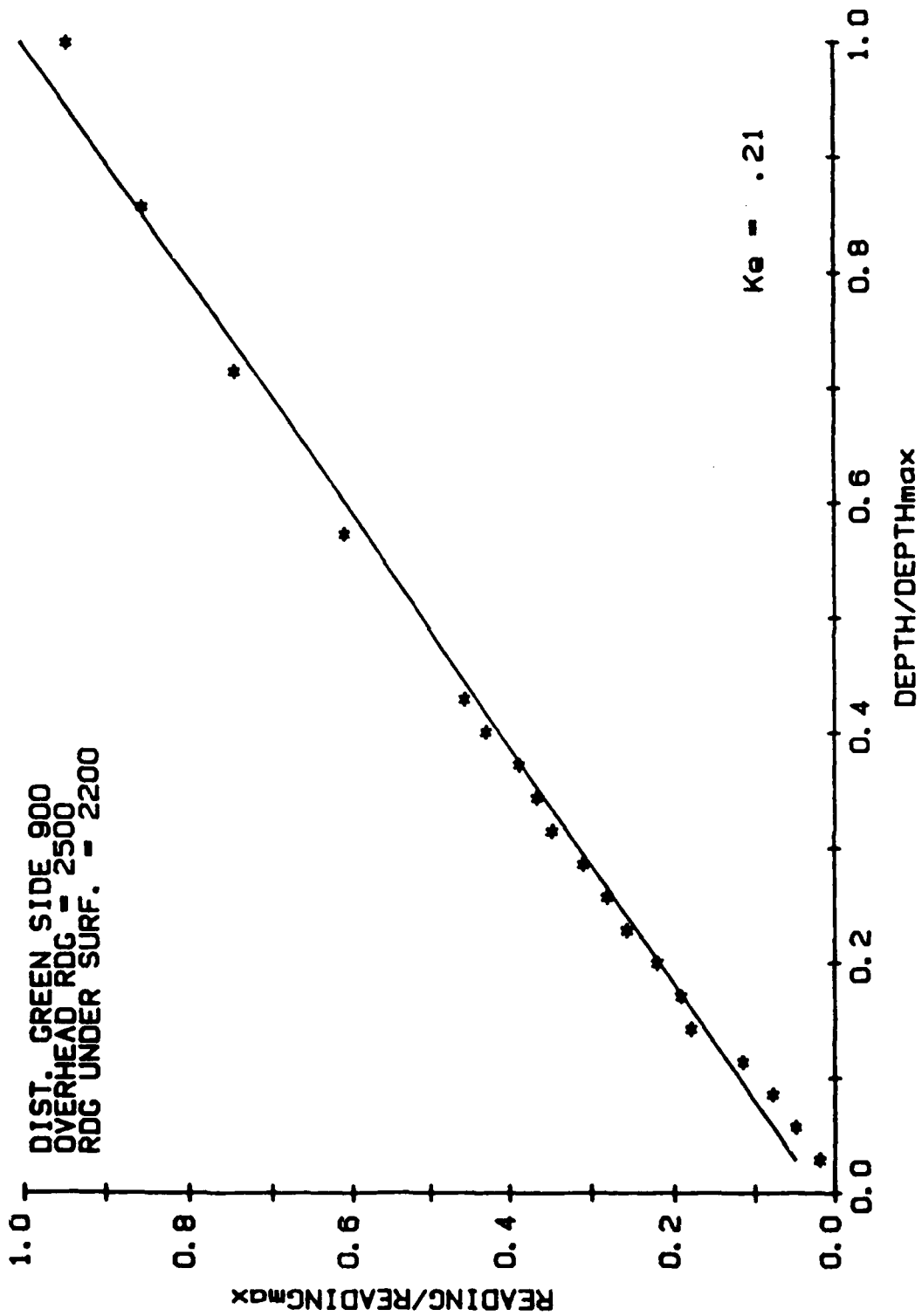
DEPTH OF		LIGHT METER		TURBIDITY	
***	READING(ft)	***	READING	***	(JTU)
1	0.0	1	100	1	100
2	0.1	2	100	2	100
3	0.2	3	100	3	100
4	0.3	4	100	4	100
5	0.4	5	100	5	100
6	0.5	6	100	6	100
7	0.6	7	100	7	100
8	0.7	8	100	8	100
9	0.8	9	100	9	100
10	0.9	10	100	10	100
11	1.0	11	100	11	100
12	1.1	12	100	12	100
13	1.2	13	100	13	100
14	1.3	14	100	14	100
15	1.4	15	100	15	100
16	1.5	16	100	16	100
17	1.6	17	100	17	100
18	1.7	18	100	18	100
19	1.8	19	100	19	100
20	1.9	20	100	20	100
21	2.0	21	100	21	100
22	2.1	22	100	22	100
23	2.2	23	100	23	100
24	2.3	24	100	24	100
25	2.4	25	100	25	100
26	2.5	26	100	26	100
27	2.6	27	100	27	100
28	2.7	28	100	28	100
29	2.8	29	100	29	100
30	2.9	30	100	30	100
31	3.0	31	100	31	100
32	3.1	32	100	32	100
33	3.2	33	100	33	100
34	3.3	34	100	34	100
35	3.4	35	100	35	100
36	3.5	36	100	36	100
37	3.6	37	100	37	100
38	3.7	38	100	38	100
39	3.8	39	100	39	100
40	3.9	40	100	40	100
41	4.0	41	100	41	100
42	4.1	42	100	42	100
43	4.2	43	100	43	100
44	4.3	44	100	44	100
45	4.4	45	100	45	100
46	4.5	46	100	46	100
47	4.6	47	100	47	100
48	4.7	48	100	48	100
49	4.8	49	100	49	100
50	4.9	50	100	50	100
51	5.0	51	100	51	100
52	5.1	52	100	52	100
53	5.2	53	100	53	100
54	5.3	54	100	54	100
55	5.4	55	100	55	100
56	5.5	56	100	56	100
57	5.6	57	100	57	100
58	5.7	58	100	58	100
59	5.8	59	100	59	100
60	5.9	60	100	60	100
61	6.0	61	100	61	100
62	6.1	62	100	62	100
63	6.2	63	100	63	100
64	6.3	64	100	64	100
65	6.4	65	100	65	100
66	6.5	66	100	66	100
67	6.6	67	100	67	100
68	6.7	68	100	68	100
69	6.8	69	100	69	100
70					

0.0	2200.00	
1.0	1900.00	
2.0	1500.00	
3.0	1200.00	
4.0	900.00	
5.0	550.00	
6.0	500.00	
7.0	400.00	
8.0	300.00	
9.0	250.00	
10.0	200.00	2.60
11.0	150.00	
12.0	130.00	
13.0	110.00	
14.0	80.00	
15.0	65.00	3.80
20.0	20.00	
25.0	7.00	
30.0	3.00	
35.0	1.50	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME MOON ISLAND

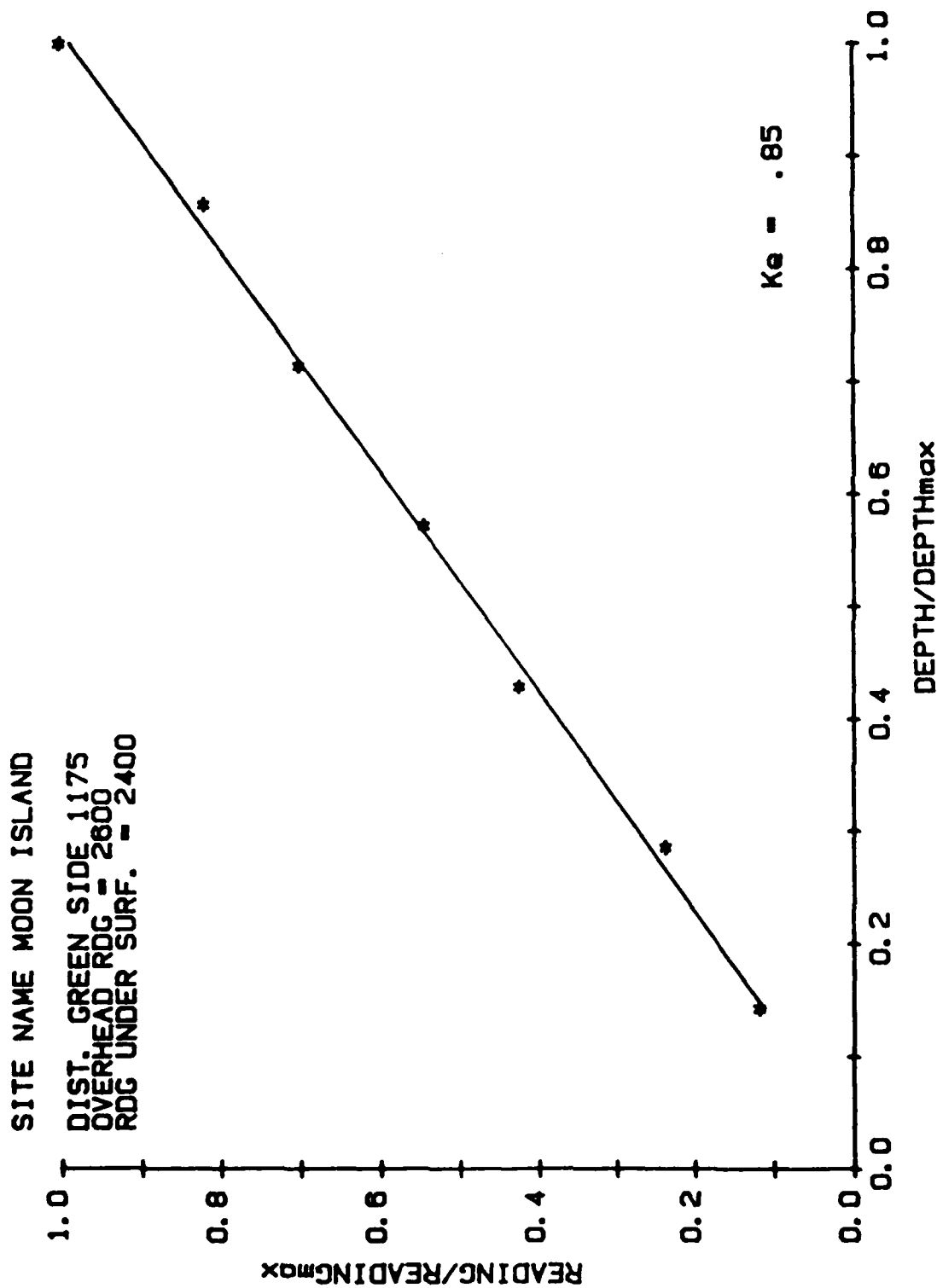
DIST. GREEN SIDE 900  
OVERHEAD RDG - 2500  
RDG UNDER SURF. - 2200



## LIGHT METER READINGS

0.0	2400.00	
1.0	1200.00	
2.0	600.00	25.00
3.0	200.00	
4.0	100.00	
5.0	40.00	22.00
6.0	20.00	
7.0	7.00	

# \*\*LIGHT METER RESULTS\*\*



CC

TURBIDITY READINGS

CC

SITE NAME LAKE MUNUSCONG

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 6  
TOTAL DEPTH AT LOCATION 2 (ft) 9  
TOTAL DEPTH AT LOCATION 3 (ft) 11

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	500.0	2.0	4.20
LOCATION 2	1000.0	2.0	4.80
LOCATION 3	1500.0	2.0	3.50



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME LAKE MUNUSCONG  
READING LOCATION (dist. from green side ft) 1500

DATE 5/2/85  
TIME 3:40 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 11

OVERHEAD LIGHT READING 2500

LIGHT READING JUST UNDER WATER SURFACE 2000

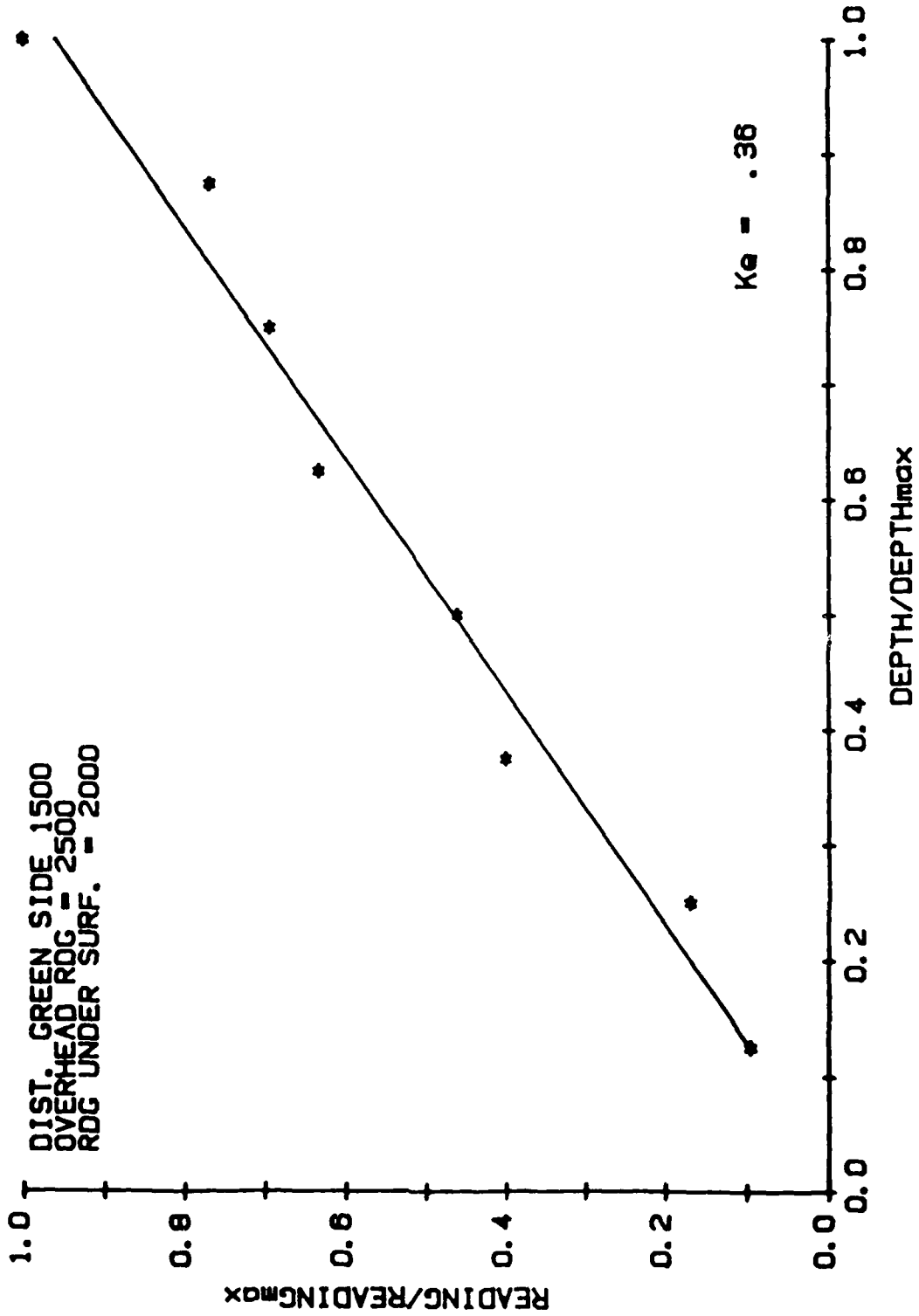
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2000.00	
1.0	1500.00	
2.0	1200.00	3.50
3.0	600.00	
4.0	500.00	
5.0	300.00	
6.0	250.00	
7.0	200.00	
8.0	100.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE MUNUSCONG

DIST. GREEN SIDE 1500  
OVERHEAD ROD = 2500  
ROD UNDER SURF. = 2000



## TURBIDITY READINGS

DATE 6/2/85

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

CD57

CC

# LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE A

DATE 6/2/85  
TIME 2:30 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 9.5

OVERHEAD LIGHT READING 2600  
LIGHT READING JUST UNDER WATER SURFACE 2050

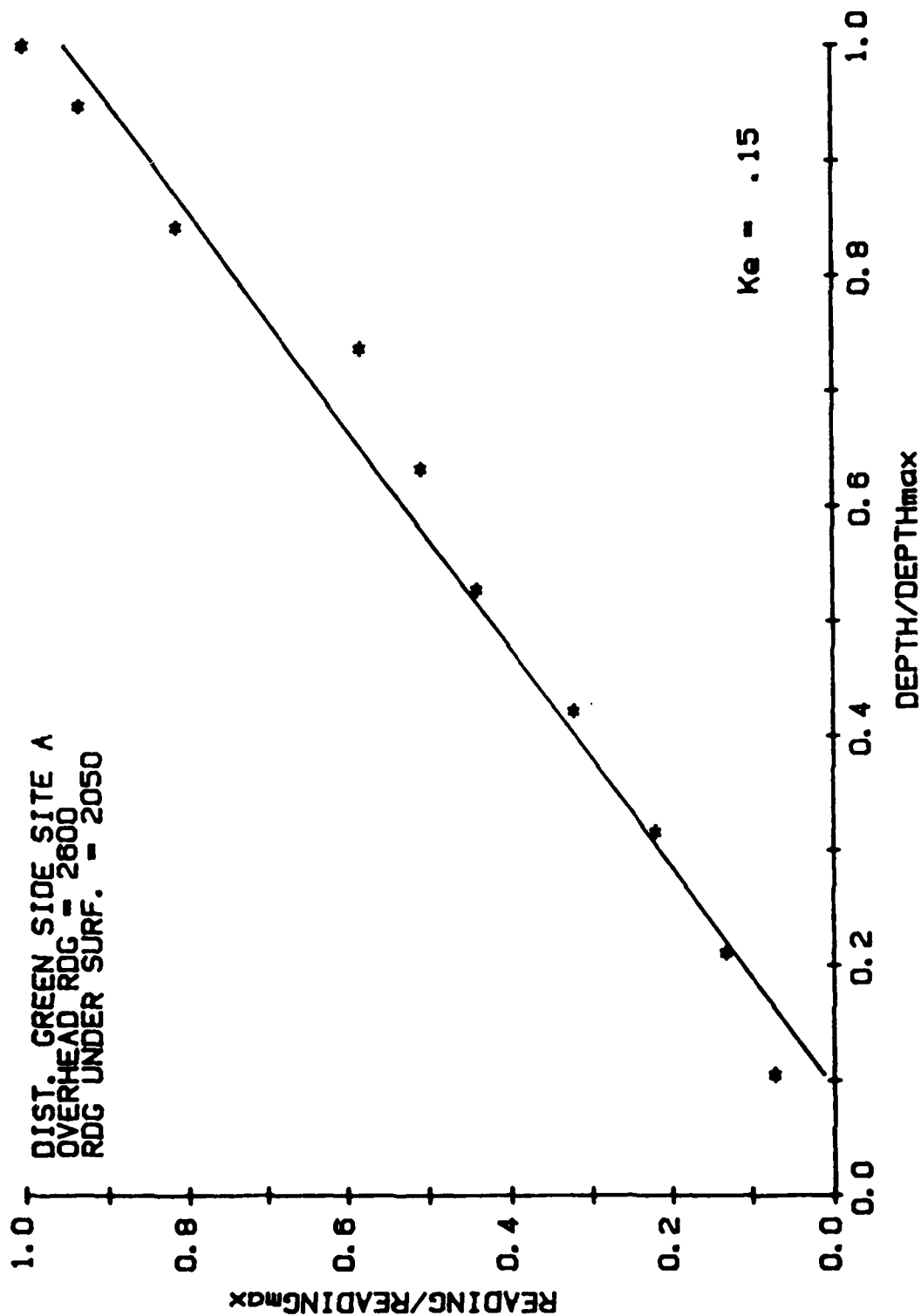
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2050.00	
1.0	1850.00	
2.0	1700.00	1.50
3.0	1500.00	
4.0	1300.00	
5.0	1100.00	
6.0	1000.00	
7.0	900.00	
8.0	650.00	
9.0	550.00	
9.5	500.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE A  
OVERHEAD RDG = 2600  
RDG UNDER SURF. = 2050



CC

LIGHT METER READINGS

CC

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE B

DATE 6/2/85  
TIME 2:38 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 8

OVERHEAD LIGHT READING 2650  
LIGHT READING JUST UNDER WATER SURFACE 2100

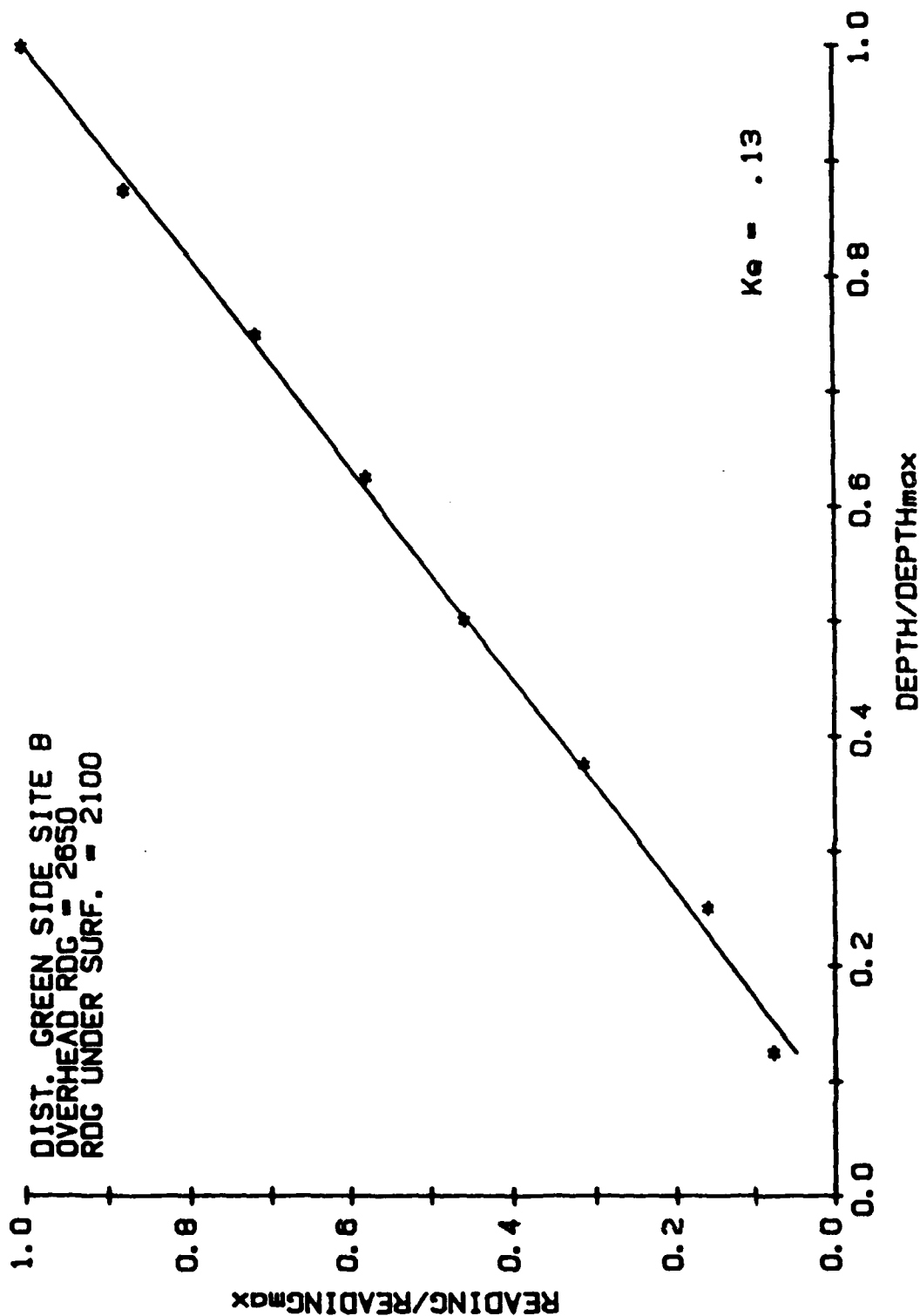
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2100.00	
1.0	1950.00	
2.0	1800.00	1.40
3.0	1550.00	
4.0	1350.00	
5.0	1200.00	
6.0	1050.00	
7.0	900.00	
8.0	800.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE B  
OVERHEAD RDG = 2650  
RDG UNDER SURF. = 2100



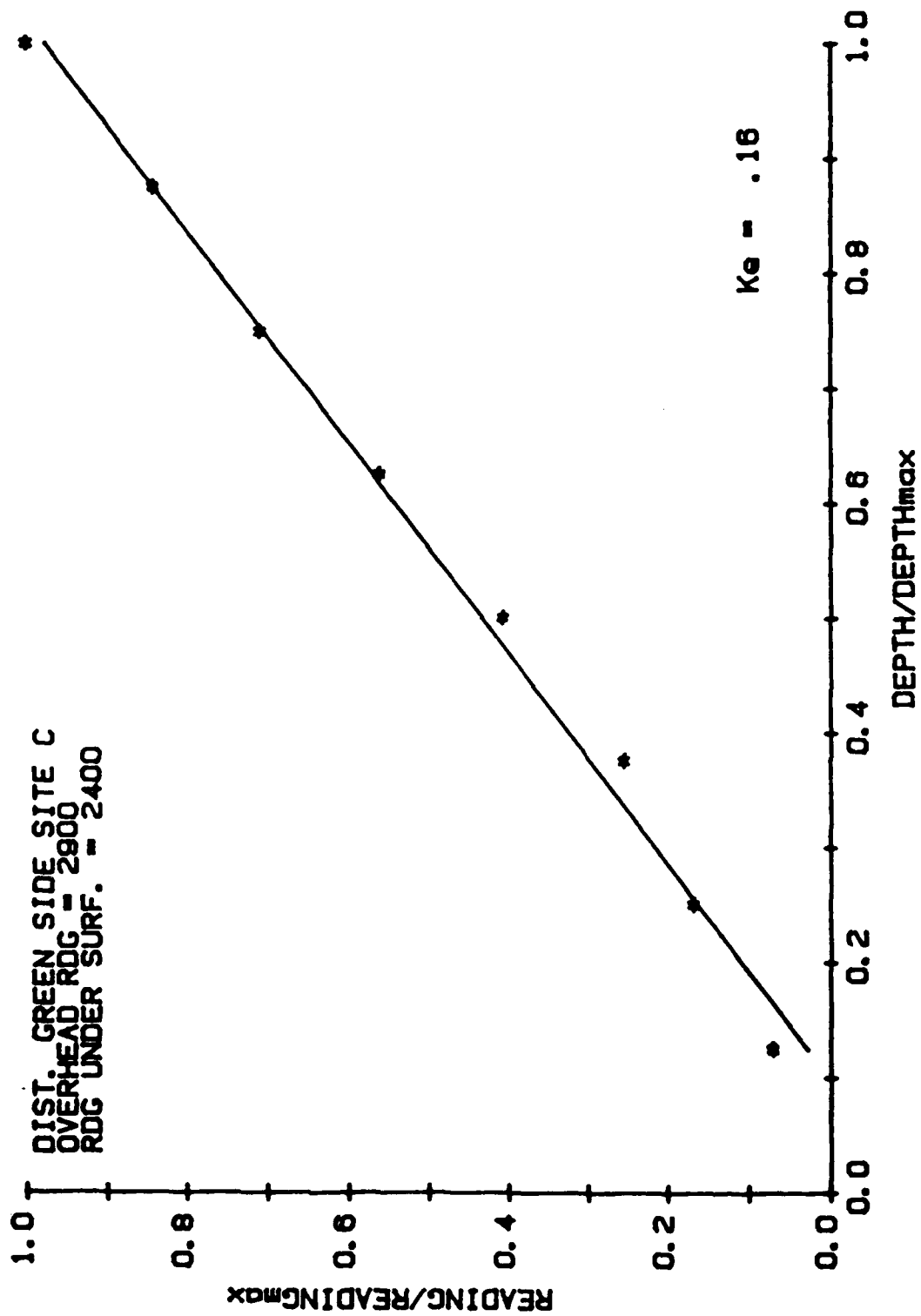
## LIGHT METER READINGS

0.0	2400.00	
1.0	2200.00	
2.0	1950.00	1.80
3.0	1750.00	
4.0	1450.00	
5.0	1200.00	
6.0	1000.00	
7.0	850.00	
8.0	700.00	



# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET  
DIST. GREEN SIDE SITE C  
OVERHEAD ROD = 2900  
ROD UNDER SURF. = 2400



oo

LIGHT METER READINGS

oo

SITE NAME LAKE NICOLET  
READING LOCATION (dist. from green side ft) SITE D

DATE 6/2/85  
TIME 2:50 PM  
SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 5.3

OVERHEAD LIGHT READING 2950  
LIGHT READING JUST UNDER WATER SURFACE 2500

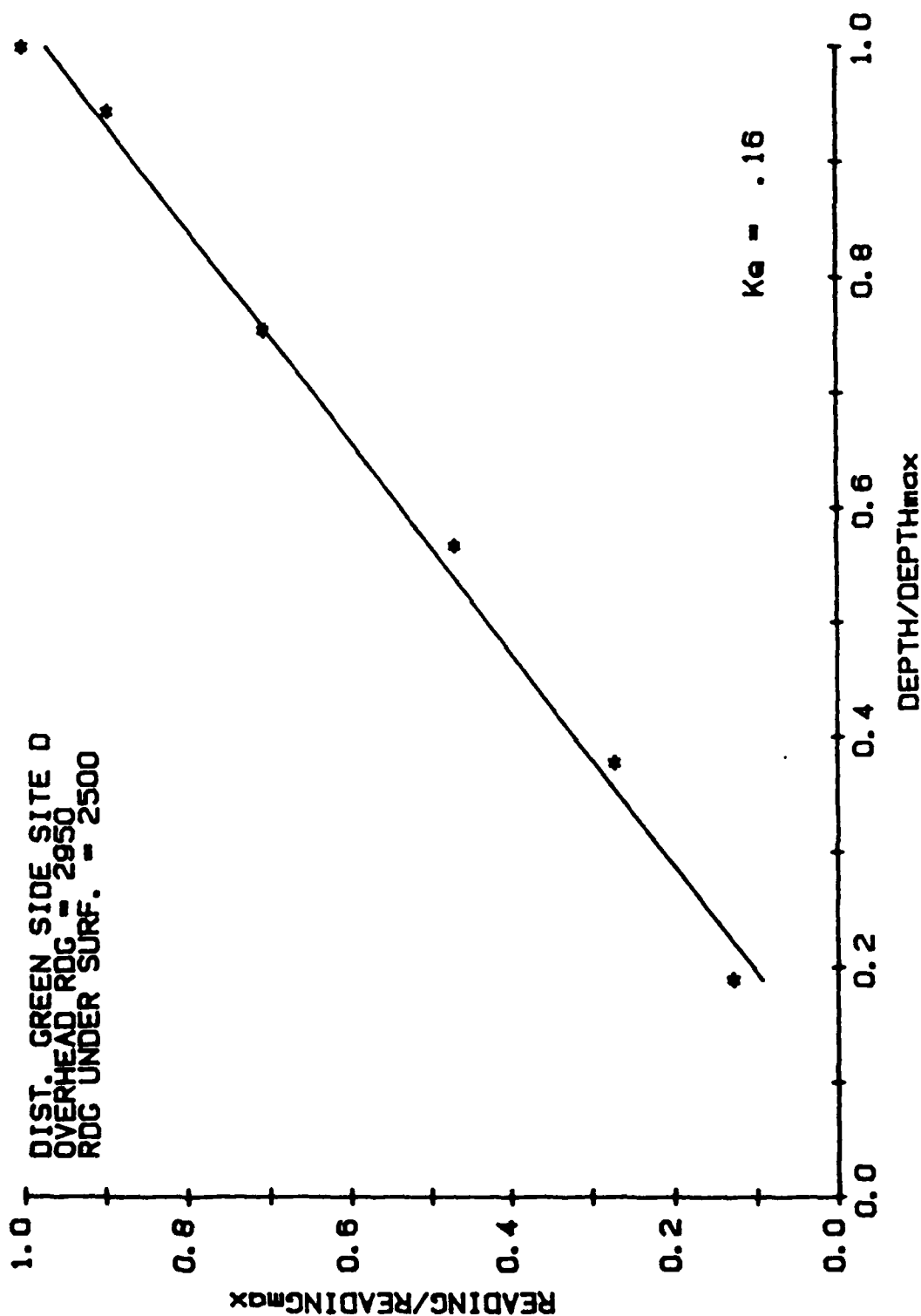
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2500.00	
1.0	2250.00	
2.0	2000.00	2.40
3.0	1700.00	
4.0	1400.00	
5.0	1200.00	
5.3	1100.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME LAKE NICOLET

DIST. GREEN SIDE SITE D  
OVERHEAD RDG = 2950  
RDG UNDER SURF. = 2500



CC

# TURBIDITY READINGS

CC

SITE NAME CHARLOTTE RIVER

DATE 6/2/85

TOTAL DEPTH AT LOCATION 1 (ft) 6.5  
TOTAL DEPTH AT LOCATION 2 (ft) 8  
TOTAL DEPTH AT LOCATION 3 (ft) 5

ALL DISTANCES ARE FROM THE GREEN SIDE BASELINE

	DIST. TO *** SAMPLE(ft) ***	DEPTH OF *** SAMPLE ***	TURBIDITY *** (JTU) ***
LOCATION 1	1.0		
		2.0	5.10
LOCATION 2	2.0		
		2.0	32.00
LOCATION 3	3.0		
		2.0	4.60

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LIGHT METER READINGS

\*\*\*\*\*

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft)  
500' OFFSHORE 1000' DOWNRIVER OF MOUTH

DATE 6/2/85  
TIME 3:25 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 6.5

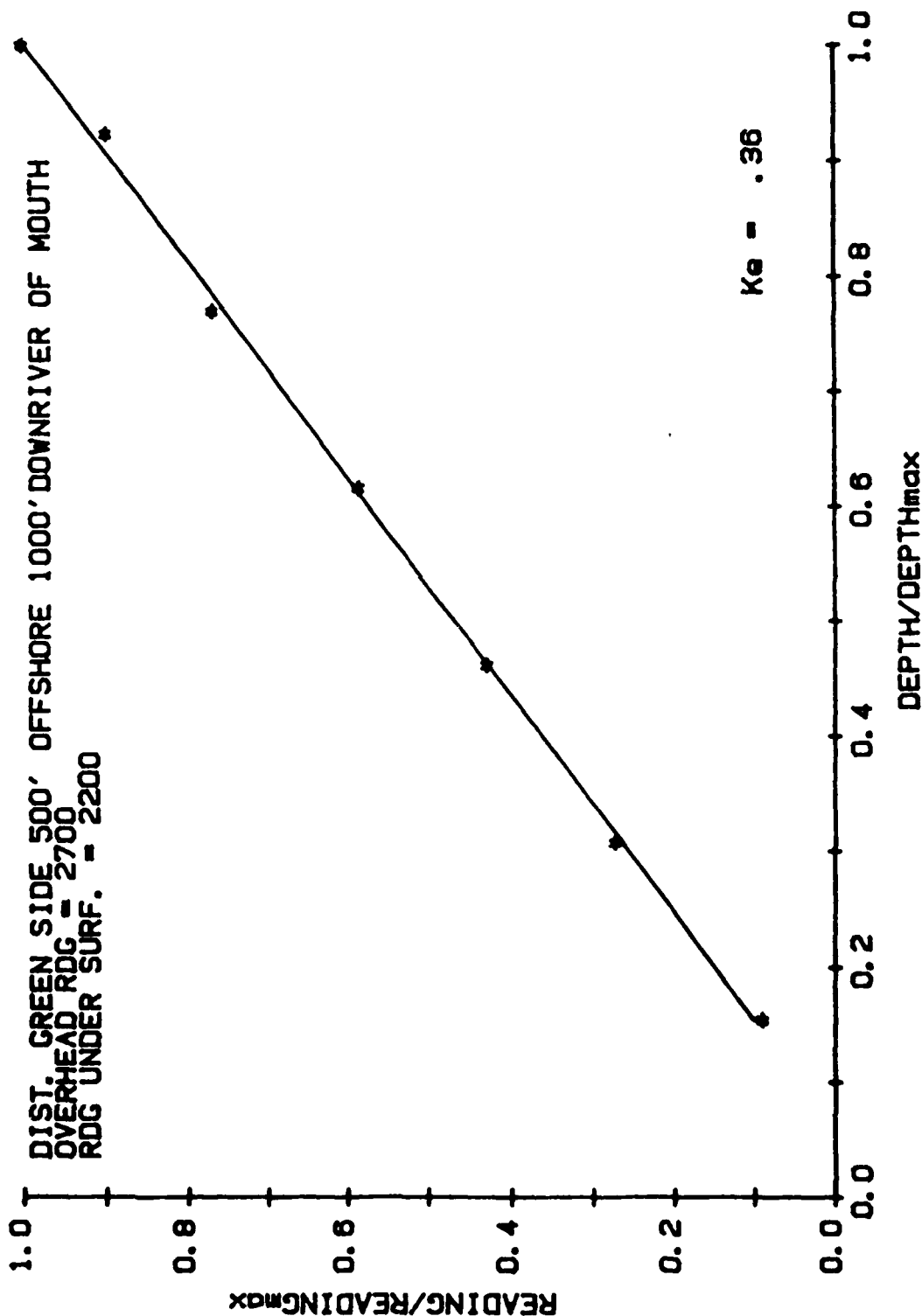
OVERHEAD LIGHT READING 2700  
LIGHT READING JUST UNDER WATER SURFACE 2200

DEPTH OF *** READING(ft) ***	LIGHT METER *** READING ***	TURBIDITY *** (JTU) ***
0.0	2200.00	
1.0	1800.00	
2.0	1200.00	5.10
3.0	850.00	
4.0	600.00	
5.0	400.00	
6.0	300.00	
6.5	240.00	

# **\*\*LIGHT METER RESULTS\*\***

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 500' OFFSHORE 1000' DOWN RIVER OF MOUTH  
OVERHEAD RDG = 2700  
RDG UNDER SURF. = 2200



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# LIGHT METER READINGS

\*\*\*\*\*

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft) 200' DOWN fr BRIDGE

DATE 6/2/85  
TIME 1:25 PM

SKY WAS CLEAR

TOTAL DEPTH AT LOCATION (ft) 8

OVERHEAD LIGHT READING 2300

LIGHT READING JUST UNDER WATER SURFACE 2000

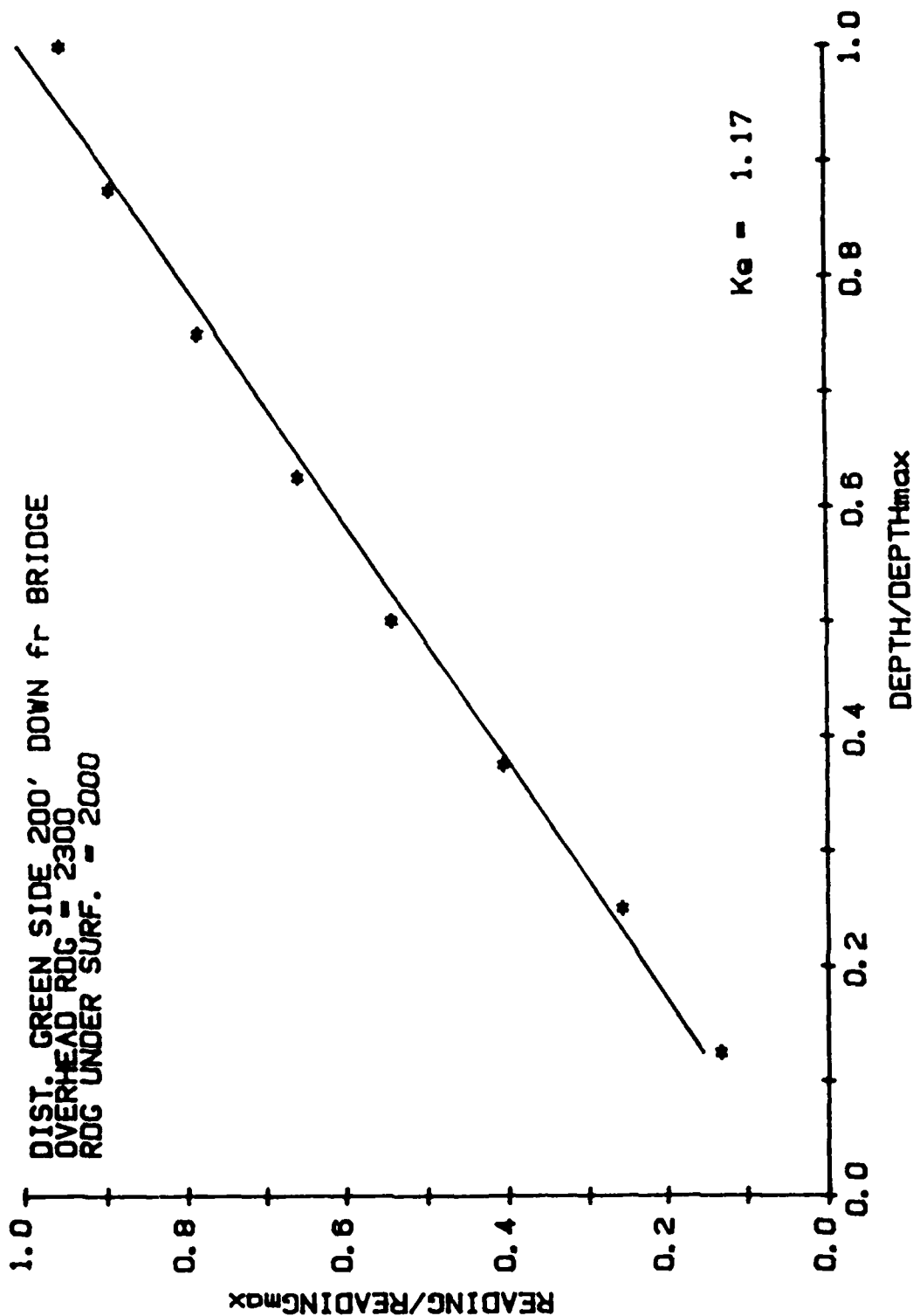
DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***

0.0	2000.00	
1.0	550.00	
2.0	165.00	32.00
3.0	39.00	
4.0	10.50	
5.0	3.40	
6.0	1.00	
7.0	0.35	
8.0	0.20	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 200' DOWN fr BRIDGE  
OVERHEAD ROD = 2300  
ROD UNDER SURF. = 2000





CC

# LIGHT METER READINGS

CC

SITE NAME CHARLOTTE RIVER  
READING LOCATION (dist. from green side ft)  
200' OFFSHORE 300' UPRIVER OF MOUTH

DATE 6/2/85  
TIME 1:30 PM  
SKY WAS CLEAR  
TOTAL DEPTH AT LOCATION (ft) 5

OVERHEAD LIGHT READING 2500  
LIGHT READING JUST UNDER WATER SURFACE 1800

DEPTH OF	LIGHT METER	TURBIDITY
*** READING(ft) ***	*** READING ***	*** (JTU) ***
0.0	1800.00	
1.0	1100.00	
2.0	1000.00	4.60
3.0	750.00	
4.0	550.00	
5.0	440.00	

# \*\*LIGHT METER RESULTS\*\*

SITE NAME CHARLOTTE RIVER

DIST. GREEN SIDE 200' OFFSHORE 300' UPRIVER OF MOUTH  
OVERHEAD RDG = 2500  
RDG UNDER SURF. = 1800

